

Computational results of the Branch and Cut algorithm for the restricted Block Relocation Problem

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Name	Authors
GROUP 4	Caserta et al. (2011)
GROUP 6	Zhu et al. (2012)

Table 1: Test beds used in the literature of the BRP

1 Description of the data set

In this document we report the computational results obtained by means of the Branch and Cut procedure for the restricted Block Relocation Problem (BC-RBRP). For all the tests we use a machine with a CPU Intel Xeon E5620 at 2.4GHz and with 48 GB RAM under a Linux operating system. The incumbent upper bound solution was obtained by means of the Bounded Beam Search algorithm, setting one second as time limit. We set a time limit of one hour for the BC-RBRP.

We considered two sets of instances presented in the literature that are resumed in Table 1. In the following, w is the number of stacks, h the height of each stack and n the number of blocks in a yard.

GROUP 4 includes a set of 880 instances introduced in Caserta et al. (2011). Such instances are randomly generated with $w \in \{3, 4, 5, 6, 10, 100\}$, $h \in \{5, 6, \dots, 12, 102\}$ and $n = w \times (h - 2)$.

In GROUP 6, we consider the 12500 instances described in Zhu et al. (2012). Such instances are grouped into 125 classes of size 100, according to the values of $w \in [6, 10]$, $h \in [3, 7]$, and $n \in [(w - 1) \times h, w \times h - 1]$.

The meaning of each column in the tables is explained below. Reported computing times are in seconds.

- *Opt*: the value of the best solution provided by the algorithm BC-RBRP within the time limit (if $\text{Opt} = \text{Lb}$ then Opt is equal to the optimum);
- *Time*: computing time;
- *Ub*: incumbent upper bound value;
- *Lp*: final best lower bound;
- *Vars*: number of variables of the formulation;
- *Cons*: number of constraints in the initial formulation (before row generation);
- *Nodes*: number of nodes explored during the branch-and-bound;
- *Cuts*: average number of dynamically generated constraints;
- *T_C*: total separation time for the rows generation;

- Lp : value of the linear relaxation;
- T_{lp} : computing time for solving the linear relaxation;

2 GROUP 4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-3-1	3	5	9	6	0.0	6	6.0	243	560	0	0	0.0	6.0	0.0
data3-3-2	3	5	9	5	0.0	5	5.0	243	566	0	0	0.0	5.0	0.0
data3-3-3	3	5	9	2	0.0	2	2.0	243	554	0	0	0.0	2.0	0.0
data3-3-4	3	5	9	4	0.0	4	4.0	243	557	0	0	0.0	4.0	0.0
data3-3-5	3	5	9	1	0.0	1	1.0	243	549	0	0	0.0	1.0	0.0
data3-3-6	3	5	9	6	0.0	6	6.0	243	559	0	0	0.0	6.0	0.0
data3-3-7	3	5	9	6	0.0	6	6.0	243	567	0	0	0.0	6.0	0.0
data3-3-8	3	5	9	2	0.0	2	2.0	243	551	0	0	0.0	2.0	0.0
data3-3-9	3	5	9	7	0.0	7	7.0	243	570	0	0	0.0	7.0	0.0
data3-3-10	3	5	9	5	0.0	5	5.0	243	557	0	0	0.0	5.0	0.0
data3-3-11	3	5	9	3	0.0	3	3.0	243	560	0	0	0.0	3.0	0.0
data3-3-12	3	5	9	5	0.0	5	5.0	243	558	0	0	0.0	5.0	0.0
data3-3-13	3	5	9	8	0.0	8	8.0	243	563	0	0	0.0	8.0	0.0
data3-3-14	3	5	9	7	0.0	7	7.0	243	565	0	0	0.0	7.0	0.0
data3-3-15	3	5	9	6	0.0	6	6.0	243	565	0	0	0.0	6.0	0.0
data3-3-16	3	5	9	7	0.0	7	7.0	243	577	0	0	0.0	7.0	0.0
data3-3-17	3	5	9	5	0.0	5	5.0	243	555	0	0	0.0	5.0	0.0
data3-3-18	3	5	9	2	0.0	2	2.0	243	549	0	0	0.0	2.0	0.0
data3-3-19	3	5	9	8	0.0	8	8.0	243	563	0	0	0.0	8.0	0.0
data3-3-20	3	5	9	7	0.0	7	7.0	243	563	0	0	0.0	7.0	0.0
data3-3-21	3	5	9	7	0.0	7	7.0	243	556	0	0	0.0	7.0	0.0
data3-3-22	3	5	9	4	0.0	4	4.0	243	553	0	0	0.0	4.0	0.0
data3-3-23	3	5	9	6	0.0	6	6.0	243	564	0	0	0.0	6.0	0.0
data3-3-24	3	5	9	6	0.0	6	6.0	243	561	0	0	0.0	6.0	0.0
data3-3-25	3	5	9	4	0.0	4	4.0	243	572	0	0	0.0	4.0	0.0
data3-3-26	3	5	9	4	0.0	4	4.0	243	557	0	0	0.0	4.0	0.0
data3-3-27	3	5	9	5	0.0	5	5.0	243	566	0	0	0.0	5.0	0.0
data3-3-28	3	5	9	5	0.0	5	5.0	243	569	0	0	0.0	5.0	0.0
data3-3-29	3	5	9	7	0.0	7	7.0	243	563	0	0	0.0	7.0	0.0
data3-3-30	3	5	9	6	0.0	6	6.0	243	554	0	0	0.0	6.0	0.0
data3-3-31	3	5	9	5	0.0	5	5.0	243	567	0	0	0.0	5.0	0.0
data3-3-32	3	5	9	2	0.0	2	2.0	243	559	0	0	0.0	2.0	0.0
data3-3-33	3	5	9	3	0.0	3	3.0	243	562	0	0	0.0	3.0	0.0
data3-3-34	3	5	9	6	0.0	6	6.0	243	572	0	0	0.0	6.0	0.0
data3-3-35	3	5	9	5	0.0	5	5.0	243	560	0	0	0.0	5.0	0.0
data3-3-36	3	5	9	7	0.0	7	7.0	243	561	0	0	0.0	7.0	0.0
data3-3-37	3	5	9	5	0.0	5	5.0	243	560	0	0	0.0	5.0	0.0
data3-3-38	3	5	9	4	0.0	4	4.0	243	566	0	0	0.0	4.0	0.0
data3-3-39	3	5	9	0	0.0	0	0.0	243	549	0	0	0.0	0.0	0.0
data3-3-40	3	5	9	7	0.0	7	7.0	243	563	0	0	0.0	6.0	0.0
data3-4-1	4	5	12	5	0.0	5	5.0	576	1291	0	0	0.0	5.0	0.0
data3-4-2	4	5	12	3	0.0	3	3.0	576	1267	0	0	0.0	3.0	0.0
data3-4-3	4	5	12	7	0.0	7	7.0	576	1286	0	0	0.0	7.0	0.0
data3-4-4	4	5	12	5	0.0	5	5.0	576	1299	0	0	0.0	5.0	0.0
data3-4-5	4	5	12	6	0.0	6	6.0	576	1295	0	0	0.0	6.0	0.0
data3-4-6	4	5	12	7	0.0	7	7.0	576	1304	0	0	0.0	7.0	0.0
data3-4-7	4	5	12	10	0.0	10	10.0	576	1300	0	0	0.0	10.0	0.0
data3-4-8	4	5	12	6	0.0	6	6.0	576	1295	0	0	0.0	6.0	0.0
data3-4-9	4	5	12	4	0.0	4	4.0	576	1302	0	0	0.0	4.0	0.0
data3-4-10	4	5	12	10	0.0	10	10.0	576	1300	0	0	0.0	10.0	0.0
data3-4-11	4	5	12	7	0.0	7	7.0	576	1290	0	0	0.0	7.0	0.0
data3-4-12	4	5	12	7	0.0	7	7.0	576	1321	0	0	0.0	7.0	0.0
data3-4-13	4	5	12	3	0.0	3	3.0	576	1276	0	0	0.0	3.0	0.0
data3-4-14	4	5	12	7	0.0	7	7.0	576	1308	0	0	0.0	7.0	0.0
data3-4-15	4	5	12	5	0.0	5	5.0	576	1285	0	0	0.0	5.0	0.0
data3-4-16	4	5	12	8	0.0	8	8.0	576	1319	0	0	0.0	8.0	0.0
data3-4-17	4	5	12	6	0.0	6	6.0	576	1298	0	0	0.0	6.0	0.0
data3-4-18	4	5	12	8	0.0	8	8.0	576	1300	0	0	0.0	8.0	0.0
data3-4-19	4	5	12	6	0.0	6	6.0	576	1294	0	0	0.0	6.0	0.0
data3-4-20	4	5	12	5	0.0	5	5.0	576	1297	0	0	0.0	5.0	0.0
data3-4-21	4	5	12	7	0.0	7	7.0	576	1298	0	0	0.0	7.0	0.0
data3-4-22	4	5	12	6	0.0	6	6.0	576	1282	0	0	0.0	6.0	0.0
data3-4-23	4	5	12	4	0.0	4	4.0	576	1283	0	0	0.0	4.0	0.0
data3-4-24	4	5	12	6	0.0	6	6.0	576	1301	0	0	0.0	6.0	0.0
data3-4-25	4	5	12	7	0.0	7	7.0	576	1297	0	0	0.0	7.0	0.0
data3-4-26	4	5	12	4	0.0	4	4.0	576	1286	0	0	0.0	4.0	0.0
data3-4-27	4	5	12	2	0.0	2	2.0	576	1271	0	0	0.0	2.0	0.0
data3-4-28	4	5	12	7	0.0	7	7.0	576	1327	0	0	0.0	7.0	0.0
data3-4-29	4	5	12	9	0.0	9	9.0	576	1297	0	0	0.0	9.0	0.0
data3-4-30	4	5	12	6	0.0	6	6.0	576	1300	0	0	0.0	6.0	0.0

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-4-31	4	5	12	7	0.0	7	7.0	576	1316	0	0	0.0	7.0	0.0
data3-4-32	4	5	12	7	0.0	7	7.0	576	1287	0	0	0.0	7.0	0.0
data3-4-33	4	5	12	9	0.0	9	9.0	576	1319	0	0	0.0	9.0	0.0
data3-4-34	4	5	12	7	0.0	7	7.0	576	1298	0	0	0.0	7.0	0.0
data3-4-35	4	5	12	5	0.0	5	5.0	576	1279	0	0	0.0	5.0	0.0
data3-4-36	4	5	12	8	0.0	8	8.0	576	1317	0	0	0.0	8.0	0.0
data3-4-37	4	5	12	3	0.0	3	3.0	576	1274	0	0	0.0	3.0	0.0
data3-4-38	4	5	12	5	0.0	5	5.0	576	1315	0	0	0.0	5.0	0.0
data3-4-39	4	5	12	6	0.0	6	6.0	576	1317	0	0	0.0	6.0	0.0
data3-4-40	4	5	12	7	0.0	7	7.0	576	1305	0	0	0.0	6.5	0.0
data3-5-1	5	5	15	6	0.1	6	6.0	1125	2492	0	0	0.0	6.0	0.0
data3-5-2	5	5	15	7	0.1	7	7.0	1125	2527	0	0	0.0	7.0	0.1
data3-5-3	5	5	15	8	0.1	8	8.0	1125	2490	0	0	0.0	8.0	0.0
data3-5-4	5	5	15	6	0.1	6	6.0	1125	2507	0	0	0.0	6.0	0.1
data3-5-5	5	5	15	9	0.1	9	9.0	1125	2527	0	0	0.0	9.0	0.0
data3-5-6	5	5	15	7	0.1	7	7.0	1125	2517	0	0	0.0	7.0	0.0
data3-5-7	5	5	15	7	0.1	7	7.0	1125	2543	0	0	0.0	7.0	0.0
data3-5-8	5	5	15	10	0.1	10	10.0	1125	2519	0	0	0.0	9.0	0.1
data3-5-9	5	5	15	9	0.1	9	9.0	1125	2550	0	0	0.0	8.5	0.1
data3-5-10	5	5	15	4	0.1	4	4.0	1125	2437	0	0	0.0	4.0	0.1
data3-5-11	5	5	15	11	0.1	11	11.0	1125	2525	0	0	0.0	11.0	0.1
data3-5-12	5	5	15	6	0.1	6	6.0	1125	2474	0	0	0.0	6.0	0.0
data3-5-13	5	5	15	11	0.1	11	11.0	1125	2536	0	0	0.0	11.0	0.1
data3-5-14	5	5	15	4	0.1	4	4.0	1125	2485	0	0	0.0	4.0	0.0
data3-5-15	5	5	15	7	0.1	7	7.0	1125	2480	0	0	0.0	7.0	0.0
data3-5-16	5	5	15	8	0.1	8	8.0	1125	2510	0	0	0.0	8.0	0.1
data3-5-17	5	5	15	7	0.1	7	7.0	1125	2474	0	0	0.0	7.0	0.0
data3-5-18	5	5	15	4	0.1	4	4.0	1125	2473	0	0	0.0	4.0	0.0
data3-5-19	5	5	15	6	0.1	6	6.0	1125	2473	0	0	0.0	6.0	0.0
data3-5-20	5	5	15	7	0.1	7	7.0	1125	2470	0	0	0.0	7.0	0.0
data3-5-21	5	5	15	7	0.1	7	7.0	1125	2522	0	0	0.0	7.0	0.1
data3-5-22	5	5	15	7	0.1	7	7.0	1125	2512	0	0	0.0	7.0	0.1
data3-5-23	5	5	15	6	0.1	6	6.0	1125	2484	0	0	0.0	6.0	0.1
data3-5-24	5	5	15	9	0.1	9	9.0	1125	2552	0	0	0.0	9.0	0.1
data3-5-25	5	5	15	5	0.1	5	5.0	1125	2492	0	0	0.0	5.0	0.1
data3-5-26	5	5	15	9	0.1	9	9.0	1125	2519	0	0	0.0	9.0	0.1
data3-5-27	5	5	15	7	0.1	7	7.0	1125	2484	0	0	0.0	7.0	0.1
data3-5-28	5	5	15	6	0.1	6	6.0	1125	2478	0	0	0.0	6.0	0.1
data3-5-29	5	5	15	8	0.1	8	8.0	1125	2527	0	0	0.0	8.0	0.1
data3-5-30	5	5	15	5	0.0	5	5.0	1125	2480	0	0	0.0	5.0	0.1
data3-5-31	5	5	15	9	0.1	9	9.0	1125	2505	0	0	0.0	9.0	0.1
data3-5-32	5	5	15	7	0.1	7	7.0	1125	2489	0	0	0.0	7.0	0.1
data3-5-33	5	5	15	7	0.1	7	7.0	1125	2472	0	0	0.0	7.0	0.1
data3-5-34	5	5	15	8	0.1	8	8.0	1125	2534	0	0	0.0	8.0	0.1
data3-5-35	5	5	15	6	0.1	6	6.0	1125	2478	0	0	0.0	6.0	0.1
data3-5-36	5	5	15	8	0.1	8	8.0	1125	2498	0	0	0.0	8.0	0.1
data3-5-37	5	5	15	10	0.1	10	10.0	1125	2506	0	0	0.0	10.0	0.1
data3-5-38	5	5	15	3	0.0	3	3.0	1125	2462	0	0	0.0	3.0	0.1
data3-5-39	5	5	15	5	0.1	5	5.0	1125	2450	0	0	0.0	5.0	0.0
data3-5-40	5	5	15	5	0.1	5	5.0	1125	2490	0	0	0.0	5.0	0.1
data3-6-1	6	5	18	11	0.1	11	11.0	1944	4377	0	0	0.0	10.5	0.1
data3-6-2	6	5	18	7	0.1	7	7.0	1944	4244	0	0	0.0	7.0	0.1
data3-6-3	6	5	18	11	0.1	11	11.0	1944	4355	0	0	0.0	11.0	0.1
data3-6-4	6	5	18	7	0.1	7	7.0	1944	4278	0	0	0.0	7.0	0.1
data3-6-5	6	5	18	4	0.1	4	4.0	1944	4158	0	0	0.0	4.0	0.1
data3-6-6	6	5	18	10	0.1	10	10.0	1944	4289	0	0	0.0	10.0	0.1
data3-6-7	6	5	18	11	0.1	11	11.0	1944	4291	0	0	0.0	11.0	0.1
data3-6-8	6	5	18	9	0.1	9	9.0	1944	4252	0	0	0.0	9.0	0.1
data3-6-9	6	5	18	9	0.1	9	9.0	1944	4314	0	0	0.0	9.0	0.1
data3-6-10	6	5	18	7	0.1	7	7.0	1944	4260	0	0	0.0	7.0	0.1
data3-6-11	6	5	18	3	0.1	3	3.0	1944	4182	0	0	0.0	3.0	0.1
data3-6-12	6	5	18	10	0.1	10	10.0	1944	4288	0	0	0.0	10.0	0.1
data3-6-13	6	5	18	8	0.1	8	8.0	1944	4245	0	0	0.0	8.0	0.1
data3-6-14	6	5	18	8	0.1	8	8.0	1944	4272	0	0	0.0	8.0	0.1
data3-6-15	6	5	18	9	0.1	9	9.0	1944	4326	0	0	0.0	9.0	0.1
data3-6-16	6	5	18	10	0.1	10	10.0	1944	4324	0	0	0.0	10.0	0.1
data3-6-17	6	5	18	11	0.1	11	11.0	1944	4275	0	0	0.0	11.0	0.1
data3-6-18	6	5	18	6	0.1	6	6.0	1944	4185	0	0	0.0	6.0	0.1
data3-6-19	6	5	18	10	0.1	10	10.0	1944	4293	0	0	0.0	10.0	0.1
data3-6-20	6	5	18	7	0.1	7	7.0	1944	4196	0	0	0.0	7.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-6-21	6	5	18	10	0.1	10	10.0	1944	4285	0	0	0.0	10.0	0.1
data3-6-22	6	5	18	10	0.1	10	10.0	1944	4383	0	0	0.0	10.0	0.1
data3-6-23	6	5	18	11	0.1	11	11.0	1944	4327	0	0	0.0	11.0	0.1
data3-6-24	6	5	18	10	0.1	10	10.0	1944	4344	0	0	0.0	10.0	0.1
data3-6-25	6	5	18	7	0.1	7	7.0	1944	4194	0	0	0.0	7.0	0.1
data3-6-26	6	5	18	14	0.1	14	14.0	1944	4400	0	0	0.0	13.5	0.1
data3-6-27	6	5	18	9	0.1	9	9.0	1944	4298	0	0	0.0	9.0	0.1
data3-6-28	6	5	18	5	0.1	5	5.0	1944	4183	0	0	0.0	5.0	0.1
data3-6-29	6	5	18	8	0.1	8	8.0	1944	4286	0	0	0.0	8.0	0.1
data3-6-30	6	5	18	7	0.1	7	7.0	1944	4252	0	0	0.0	7.0	0.1
data3-6-31	6	5	18	9	0.1	9	9.0	1944	4297	0	0	0.0	9.0	0.1
data3-6-32	6	5	18	7	0.1	7	7.0	1944	4243	0	0	0.0	7.0	0.1
data3-6-33	6	5	18	7	0.1	7	7.0	1944	4330	0	0	0.0	7.0	0.1
data3-6-34	6	5	18	7	0.1	7	7.0	1944	4222	0	0	0.0	7.0	0.1
data3-6-35	6	5	18	4	0.1	4	4.0	1944	4199	0	0	0.0	4.0	0.1
data3-6-36	6	5	18	8	0.1	8	8.0	1944	4264	0	0	0.0	8.0	0.1
data3-6-37	6	5	18	11	0.1	11	11.0	1944	4296	0	0	0.0	11.0	0.1
data3-6-38	6	5	18	9	0.1	9	9.0	1944	4285	0	0	0.0	9.0	0.1
data3-6-39	6	5	18	7	0.1	7	7.0	1944	4291	0	0	0.0	7.0	0.1
data3-6-40	6	5	18	8	0.1	8	8.0	1944	4287	0	0	0.0	8.0	0.1
data3-7-1	7	5	21	7	0.1	7	7.0	3087	6655	0	0	0.0	7.0	0.1
data3-7-2	7	5	21	10	0.1	10	10.0	3087	6662	0	0	0.0	10.0	0.1
data3-7-3	7	5	21	9	0.1	9	9.0	3087	6721	0	0	0.0	9.0	0.1
data3-7-4	7	5	21	8	0.1	8	8.0	3087	6696	0	0	0.0	8.0	0.1
data3-7-5	7	5	21	12	0.1	12	12.0	3087	6795	0	0	0.0	12.0	0.1
data3-7-6	7	5	21	9	0.1	9	9.0	3087	6737	0	0	0.0	9.0	0.1
data3-7-7	7	5	21	12	0.1	12	12.0	3087	6800	0	0	0.0	12.0	0.1
data3-7-8	7	5	21	9	0.1	9	9.0	3087	6728	0	0	0.0	9.0	0.1
data3-7-9	7	5	21	11	0.1	11	11.0	3087	6816	0	0	0.0	11.0	0.1
data3-7-10	7	5	21	7	0.1	7	7.0	3087	6599	0	0	0.0	7.0	0.1
data3-7-11	7	5	21	9	0.1	9	9.0	3087	6746	0	0	0.0	9.0	0.1
data3-7-12	7	5	21	7	0.1	7	7.0	3087	6756	0	0	0.0	7.0	0.1
data3-7-13	7	5	21	10	0.1	10	10.0	3087	6750	0	0	0.0	10.0	0.1
data3-7-14	7	5	21	9	0.1	9	9.0	3087	6654	0	0	0.0	9.0	0.1
data3-7-15	7	5	21	6	0.1	6	6.0	3087	6607	0	0	0.0	6.0	0.1
data3-7-16	7	5	21	9	0.1	9	9.0	3087	6676	0	0	0.0	9.0	0.1
data3-7-17	7	5	21	10	0.1	10	10.0	3087	6694	0	0	0.0	10.0	0.1
data3-7-18	7	5	21	7	0.1	7	7.0	3087	6691	0	0	0.0	7.0	0.1
data3-7-19	7	5	21	11	0.1	11	11.0	3087	6774	0	0	0.0	11.0	0.1
data3-7-20	7	5	21	7	0.1	7	7.0	3087	6674	0	0	0.0	7.0	0.1
data3-7-21	7	5	21	9	0.1	9	9.0	3087	6721	0	0	0.0	9.0	0.1
data3-7-22	7	5	21	14	0.1	14	14.0	3087	6846	0	0	0.0	14.0	0.1
data3-7-23	7	5	21	8	0.1	8	8.0	3087	6730	0	0	0.0	8.0	0.1
data3-7-24	7	5	21	6	0.1	6	6.0	3087	6657	0	0	0.0	6.0	0.1
data3-7-25	7	5	21	9	0.1	9	9.0	3087	6689	0	0	0.0	9.0	0.1
data3-7-26	7	5	21	11	0.1	11	11.0	3087	6797	0	0	0.0	11.0	0.1
data3-7-27	7	5	21	13	0.1	13	13.0	3087	6768	0	0	0.0	13.0	0.1
data3-7-28	7	5	21	8	0.1	8	8.0	3087	6704	0	0	0.0	8.0	0.1
data3-7-29	7	5	21	12	0.1	12	12.0	3087	6780	0	0	0.0	12.0	0.1
data3-7-30	7	5	21	10	0.1	10	10.0	3087	6668	0	0	0.0	10.0	0.1
data3-7-31	7	5	21	8	0.1	8	8.0	3087	6708	0	0	0.0	8.0	0.1
data3-7-32	7	5	21	10	0.1	10	10.0	3087	6811	0	0	0.0	10.0	0.1
data3-7-33	7	5	21	13	0.1	13	13.0	3087	6846	0	0	0.0	13.0	0.1
data3-7-34	7	5	21	9	0.1	9	9.0	3087	6743	0	0	0.0	9.0	0.1
data3-7-35	7	5	21	11	0.1	11	11.0	3087	6783	0	0	0.0	11.0	0.1
data3-7-36	7	5	21	7	0.1	7	7.0	3087	6673	0	0	0.0	7.0	0.1
data3-7-37	7	5	21	8	0.1	8	8.0	3087	6686	0	0	0.0	8.0	0.1
data3-7-38	7	5	21	11	0.1	11	11.0	3087	6851	0	0	0.0	11.0	0.1
data3-7-39	7	5	21	6	0.1	6	6.0	3087	6609	0	0	0.0	6.0	0.1
data3-7-40	7	5	21	9	0.1	9	9.0	3087	6678	0	0	0.0	9.0	0.1
data3-8-1	8	5	24	8	0.1	8	8.0	4608	10018	0	0	0.0	8.0	0.1
data3-8-2	8	5	24	10	0.1	10	10.0	4608	10072	0	0	0.0	10.0	0.1
data3-8-3	8	5	24	9	0.1	9	9.0	4608	9902	0	0	0.0	9.0	0.1
data3-8-4	8	5	24	10	0.1	10	10.0	4608	10055	0	0	0.0	10.0	0.1
data3-8-5	8	5	24	13	0.1	13	13.0	4608	9915	0	0	0.0	13.0	0.1
data3-8-6	8	5	24	9	0.2	9	9.0	4608	10035	0	0	0.0	9.0	0.1
data3-8-7	8	5	24	13	0.2	13	13.0	4608	10145	0	0	0.0	13.0	0.1
data3-8-8	8	5	24	12	0.1	12	12.0	4608	9936	0	0	0.0	12.0	0.1
data3-8-9	8	5	24	9	0.2	9	9.0	4608	10055	0	0	0.0	9.0	0.1
data3-8-10	8	5	24	10	0.2	10	10.0	4608	10110	0	0	0.0	10.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-8-11	8	5	24	11	0.1	11	11.0	4608	9982	0	0	0.0	11.0	0.1
data3-8-12	8	5	24	11	0.1	11	11.0	4608	10100	0	0	0.0	11.0	0.1
data3-8-13	8	5	24	12	0.1	12	12.0	4608	10074	0	0	0.0	12.0	0.1
data3-8-14	8	5	24	12	0.1	12	12.0	4608	10164	0	0	0.0	12.0	0.1
data3-8-15	8	5	24	9	0.1	9	9.0	4608	9896	0	0	0.0	9.0	0.1
data3-8-16	8	5	24	8	0.1	8	8.0	4608	9961	0	0	0.0	8.0	0.1
data3-8-17	8	5	24	8	0.1	8	8.0	4608	9897	0	0	0.0	8.0	0.1
data3-8-18	8	5	24	9	0.1	9	9.0	4608	9950	0	0	0.0	9.0	0.1
data3-8-19	8	5	24	12	0.2	12	12.0	4608	10070	0	0	0.0	12.0	0.1
data3-8-20	8	5	24	11	0.2	11	11.0	4608	10109	0	0	0.0	11.0	0.1
data3-8-21	8	5	24	10	0.1	10	10.0	4608	9978	0	0	0.0	10.0	0.1
data3-8-22	8	5	24	10	0.2	10	10.0	4608	10100	0	0	0.0	10.0	0.1
data3-8-23	8	5	24	9	0.1	9	9.0	4608	9987	0	0	0.0	9.0	0.1
data3-8-24	8	5	24	9	0.1	9	9.0	4608	9936	0	0	0.0	9.0	0.1
data3-8-25	8	5	24	9	0.1	9	9.0	4608	9885	0	0	0.0	9.0	0.1
data3-8-26	8	5	24	16	0.2	16	16.0	4608	10154	0	0	0.0	16.0	0.1
data3-8-27	8	5	24	10	0.1	10	10.0	4608	10015	0	0	0.0	10.0	0.1
data3-8-28	8	5	24	11	0.1	11	11.0	4608	9927	0	0	0.0	11.0	0.1
data3-8-29	8	5	24	13	0.2	13	13.0	4608	10154	0	0	0.0	13.0	0.1
data3-8-30	8	5	24	11	0.1	11	11.0	4608	9997	0	0	0.0	11.0	0.1
data3-8-31	8	5	24	12	0.2	12	12.0	4608	10197	0	0	0.0	12.0	0.1
data3-8-32	8	5	24	12	0.1	12	12.0	4608	9941	0	0	0.0	12.0	0.1
data3-8-33	8	5	24	11	0.1	11	11.0	4608	10089	0	0	0.0	11.0	0.1
data3-8-34	8	5	24	10	0.1	10	10.0	4608	10039	0	0	0.0	10.0	0.1
data3-8-35	8	5	24	14	0.2	14	14.0	4608	10153	0	0	0.0	14.0	0.1
data3-8-36	8	5	24	10	0.1	10	10.0	4608	9966	0	0	0.0	10.0	0.1
data3-8-37	8	5	24	9	0.1	9	9.0	4608	9887	0	0	0.0	9.0	0.1
data3-8-38	8	5	24	14	0.2	14	14.0	4608	10045	0	0	0.0	13.5	0.1
data3-8-39	8	5	24	10	0.2	10	10.0	4608	9983	0	0	0.0	10.0	0.1
data3-8-40	8	5	24	10	0.1	10	10.0	4608	9923	0	0	0.0	10.0	0.1
data4-4-1	4	6	16	10	0.1	10	10.0	1024	2329	0	0	0.0	10.0	0.1
data4-4-2	4	6	16	10	0.1	10	10.0	1024	2319	0	0	0.0	10.0	0.1
data4-4-3	4	6	16	10	0.1	10	10.0	1024	2312	0	0	0.0	10.0	0.1
data4-4-4	4	6	16	7	0.1	7	7.0	1024	2299	0	0	0.0	7.0	0.0
data4-4-5	4	6	16	9	0.1	9	9.0	1024	2329	0	0	0.0	9.0	0.0
data4-4-6	4	6	16	5	0.1	5	5.0	1024	2296	0	0	0.0	5.0	0.0
data4-4-7	4	6	16	13	0.1	13	13.0	1024	2349	0	0	0.0	13.0	0.0
data4-4-8	4	6	16	11	0.1	11	11.0	1024	2318	0	0	0.0	11.0	0.0
data4-4-9	4	6	16	7	0.1	7	7.0	1024	2344	1	7	0.0	6.0	0.0
data4-4-10	4	6	16	8	0.1	8	8.0	1024	2329	0	0	0.0	8.0	0.0
data4-4-11	4	6	16	10	0.1	10	10.0	1024	2301	0	0	0.0	9.2	0.0
data4-4-12	4	6	16	8	0.1	8	8.0	1024	2302	0	0	0.0	8.0	0.0
data4-4-13	4	6	16	12	0.1	12	12.0	1024	2309	0	0	0.0	12.0	0.0
data4-4-14	4	6	16	13	0.1	13	13.0	1024	2350	0	0	0.0	12.0	0.1
data4-4-15	4	6	16	8	0.0	8	8.0	1024	2316	0	0	0.0	8.0	0.1
data4-4-16	4	6	16	12	0.1	12	12.0	1024	2356	0	0	0.0	12.0	0.1
data4-4-17	4	6	16	9	0.1	9	9.0	1024	2347	0	0	0.0	9.0	0.0
data4-4-18	4	6	16	12	0.1	12	12.0	1024	2356	0	0	0.0	12.0	0.0
data4-4-19	4	6	16	11	0.1	11	11.0	1024	2342	0	0	0.0	11.0	0.0
data4-4-20	4	6	16	8	0.0	8	8.0	1024	2297	0	0	0.0	8.0	0.0
data4-4-21	4	6	16	11	0.1	11	11.0	1024	2341	0	0	0.0	11.0	0.0
data4-4-22	4	6	16	9	0.1	9	9.0	1024	2348	0	0	0.0	9.0	0.0
data4-4-23	4	6	16	10	0.1	10	10.0	1024	2333	0	0	0.0	10.0	0.0
data4-4-24	4	6	16	9	0.1	9	9.0	1024	2321	0	0	0.0	9.0	0.0
data4-4-25	4	6	16	11	0.1	11	11.0	1024	2345	0	7	0.0	10.0	0.1
data4-4-26	4	6	16	9	0.1	9	9.0	1024	2325	0	0	0.0	9.0	0.0
data4-4-27	4	6	16	12	0.1	12	12.0	1024	2321	0	0	0.0	11.0	0.0
data4-4-28	4	6	16	9	0.1	9	9.0	1024	2326	0	0	0.0	9.0	0.1
data4-4-29	4	6	16	11	0.1	11	11.0	1024	2313	0	0	0.0	11.0	0.0
data4-4-30	4	6	16	11	0.1	11	11.0	1024	2363	0	0	0.0	11.0	0.0
data4-4-31	4	6	16	9	0.1	9	9.0	1024	2308	0	0	0.0	9.0	0.0
data4-4-32	4	6	16	8	0.1	8	8.0	1024	2315	0	0	0.0	8.0	0.0
data4-4-33	4	6	16	13	0.1	13	13.0	1024	2352	0	5	0.0	12.0	0.0
data4-4-34	4	6	16	9	0.1	9	9.0	1024	2321	0	2	0.0	8.0	0.0
data4-4-35	4	6	16	13	0.1	13	13.0	1024	2329	0	0	0.0	13.0	0.1
data4-4-36	4	6	16	13	0.1	13	13.0	1024	2344	0	0	0.0	13.0	0.1
data4-4-37	4	6	16	9	0.1	9	9.0	1024	2305	0	0	0.0	8.3	0.0
data4-4-38	4	6	16	13	0.1	13	13.0	1024	2349	0	0	0.0	13.0	0.1
data4-4-39	4	6	16	12	0.1	12	12.0	1024	2380	0	0	0.0	12.0	0.1
data4-4-40	4	6	16	14	0.1	14	14.0	1024	2347	0	0	0.0	14.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-5-1	5	6	20	16	0.1	16	16.0	2000	4512	0	0	0.0	16.0	0.1
data4-5-2	5	6	20	10	0.1	10	10.0	2000	4525	0	0	0.0	10.0	0.1
data4-5-3	5	6	20	13	0.1	13	13.0	2000	4471	0	0	0.0	13.0	0.1
data4-5-4	5	6	20	8	0.1	8	8.0	2000	4436	0	0	0.0	8.0	0.1
data4-5-5	5	6	20	16	0.1	16	16.0	2000	4543	0	0	0.0	15.5	0.1
data4-5-6	5	6	20	13	0.1	13	13.0	2000	4462	0	0	0.0	13.0	0.1
data4-5-7	5	6	20	11	0.1	11	11.0	2000	4447	0	0	0.0	11.0	0.1
data4-5-8	5	6	20	15	0.1	15	15.0	2000	4491	0	0	0.0	15.0	0.1
data4-5-9	5	6	20	12	0.1	12	12.0	2000	4444	0	0	0.0	11.5	0.1
data4-5-10	5	6	20	10	0.1	10	10.0	2000	4473	0	0	0.0	10.0	0.1
data4-5-11	5	6	20	9	0.1	9	9.0	2000	4415	0	0	0.0	9.0	0.1
data4-5-12	5	6	20	11	0.1	11	11.0	2000	4530	0	0	0.0	11.0	0.1
data4-5-13	5	6	20	9	0.1	9	9.0	2000	4396	0	0	0.0	9.0	0.1
data4-5-14	5	6	20	14	0.1	14	14.0	2000	4488	0	0	0.0	14.0	0.1
data4-5-15	5	6	20	15	0.1	15	15.0	2000	4468	0	0	0.0	14.0	0.1
data4-5-16	5	6	20	13	0.1	13	13.0	2000	4517	0	0	0.0	13.0	0.1
data4-5-17	5	6	20	17	0.1	17	17.0	2000	4479	0	0	0.0	16.0	0.1
data4-5-18	5	6	20	12	0.1	12	12.0	2000	4444	0	0	0.0	11.5	0.1
data4-5-19	5	6	20	14	0.1	14	14.0	2000	4489	0	0	0.0	14.0	0.1
data4-5-20	5	6	20	14	0.1	14	14.0	2000	4442	0	0	0.0	14.0	0.1
data4-5-21	5	6	20	15	0.1	15	15.0	2000	4505	0	0	0.0	15.0	0.1
data4-5-22	5	6	20	15	0.1	15	15.0	2000	4462	0	0	0.0	14.3	0.1
data4-5-23	5	6	20	15	0.1	15	15.0	2000	4520	0	0	0.0	15.0	0.1
data4-5-24	5	6	20	16	0.1	16	16.0	2000	4488	0	0	0.0	16.0	0.1
data4-5-25	5	6	20	11	0.1	11	11.0	2000	4388	0	0	0.0	11.0	0.1
data4-5-26	5	6	20	14	0.1	14	14.0	2000	4512	0	0	0.0	14.0	0.1
data4-5-27	5	6	20	10	0.1	10	10.0	2000	4466	0	0	0.0	10.0	0.1
data4-5-28	5	6	20	9	0.1	9	9.0	2000	4450	0	0	0.0	9.0	0.1
data4-5-29	5	6	20	13	0.1	13	13.0	2000	4513	0	0	0.0	13.0	0.1
data4-5-30	5	6	20	17	0.1	17	17.0	2000	4486	0	0	0.0	17.0	0.1
data4-5-31	5	6	20	13	0.1	13	13.0	2000	4448	0	0	0.0	13.0	0.1
data4-5-32	5	6	20	10	0.1	10	10.0	2000	4434	0	0	0.0	10.0	0.1
data4-5-33	5	6	20	13	0.1	13	13.0	2000	4474	0	0	0.0	12.5	0.1
data4-5-34	5	6	20	16	0.1	16	16.0	2000	4441	0	0	0.0	16.0	0.1
data4-5-35	5	6	20	15	0.1	15	15.0	2000	4505	0	0	0.0	14.0	0.1
data4-5-36	5	6	20	11	0.1	11	11.0	2000	4489	0	0	0.0	11.0	0.1
data4-5-37	5	6	20	14	0.1	14	14.0	2000	4511	0	0	0.0	14.0	0.1
data4-5-38	5	6	20	14	0.1	14	14.0	2000	4440	0	0	0.0	14.0	0.1
data4-5-39	5	6	20	14	0.1	14	14.0	2000	4508	0	0	0.0	13.0	0.1
data4-5-40	5	6	20	11	0.1	11	11.0	2000	4471	0	0	0.0	11.0	0.1
data4-6-1	6	6	24	17	0.3	17	17.0	3456	7716	1	0	0.0	15.0	0.3
data4-6-2	6	6	24	8	0.1	8	8.0	3456	7548	0	0	0.0	8.0	0.1
data4-6-3	6	6	24	13	0.1	13	13.0	3456	7593	0	0	0.0	13.0	0.1
data4-6-4	6	6	24	14	0.1	14	14.0	3456	7661	0	0	0.0	14.0	0.1
data4-6-5	6	6	24	15	0.1	15	15.0	3456	7641	0	0	0.0	15.0	0.1
data4-6-6	6	6	24	16	0.1	16	16.0	3456	7754	0	0	0.0	16.0	0.1
data4-6-7	6	6	24	14	0.2	14	14.0	3456	7637	1	0	0.0	12.5	0.1
data4-6-8	6	6	24	12	0.1	12	12.0	3456	7599	0	0	0.0	11.5	0.1
data4-6-9	6	6	24	13	0.1	13	13.0	3456	7749	0	0	0.0	13.0	0.1
data4-6-10	6	6	24	17	0.2	17	17.0	3456	7659	0	0	0.0	17.0	0.1
data4-6-11	6	6	24	14	0.1	14	14.0	3456	7613	0	0	0.0	14.0	0.1
data4-6-12	6	6	24	13	0.1	13	13.0	3456	7600	0	0	0.0	13.0	0.1
data4-6-13	6	6	24	14	0.1	14	14.0	3456	7682	0	0	0.0	14.0	0.1
data4-6-14	6	6	24	11	0.1	11	11.0	3456	7540	0	0	0.0	11.0	0.1
data4-6-15	6	6	24	15	0.1	15	15.0	3456	7586	0	0	0.0	15.0	0.1
data4-6-16	6	6	24	10	0.1	10	10.0	3456	7532	0	0	0.0	10.0	0.1
data4-6-17	6	6	24	16	0.1	16	16.0	3456	7642	0	0	0.0	16.0	0.1
data4-6-18	6	6	24	16	0.1	16	16.0	3456	7665	0	0	0.0	16.0	0.1
data4-6-19	6	6	24	14	0.1	14	14.0	3456	7625	0	0	0.0	14.0	0.1
data4-6-20	6	6	24	11	0.1	11	11.0	3456	7563	0	0	0.0	11.0	0.1
data4-6-21	6	6	24	14	0.1	14	14.0	3456	7702	0	0	0.0	14.0	0.1
data4-6-22	6	6	24	10	0.1	10	10.0	3456	7600	0	0	0.0	10.0	0.1
data4-6-23	6	6	24	9	0.1	9	9.0	3456	7657	0	0	0.0	9.0	0.1
data4-6-24	6	6	24	17	0.1	17	17.0	3456	7699	0	0	0.0	17.0	0.1
data4-6-25	6	6	24	18	0.2	18	18.0	3456	7700	0	0	0.0	17.5	0.1
data4-6-26	6	6	24	13	0.1	13	13.0	3456	7658	0	0	0.0	13.0	0.1
data4-6-27	6	6	24	14	0.1	14	14.0	3456	7687	0	0	0.0	14.0	0.1
data4-6-28	6	6	24	18	0.3	18	18.0	3456	7688	0	9	0.0	17.0	0.2
data4-6-29	6	6	24	14	0.1	14	14.0	3456	7663	0	0	0.0	14.0	0.1
data4-6-30	6	6	24	15	0.2	15	15.0	3456	7652	0	0	0.0	14.5	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-6-31	6	6	24	8	0.1	8	8.0	3456	7555	0	0	0.0	8.0	0.1
data4-6-32	6	6	24	15	0.1	15	15.0	3456	7652	0	0	0.0	15.0	0.1
data4-6-33	6	6	24	15	0.1	15	15.0	3456	7670	0	0	0.0	15.0	0.1
data4-6-34	6	6	24	15	0.1	15	15.0	3456	7688	0	0	0.0	15.0	0.1
data4-6-35	6	6	24	16	0.2	16	16.0	3456	7698	0	0	0.0	16.0	0.1
data4-6-36	6	6	24	17	0.2	17	17.0	3456	7729	0	0	0.0	16.0	0.2
data4-6-37	6	6	24	15	0.1	15	15.0	3456	7717	0	0	0.0	15.0	0.1
data4-6-38	6	6	24	14	0.1	14	14.0	3456	7705	0	0	0.0	14.0	0.1
data4-6-39	6	6	24	14	0.1	14	14.0	3456	7755	0	0	0.0	14.0	0.1
data4-6-40	6	6	24	17	0.2	17	17.0	3456	7748	0	0	0.0	16.5	0.2
data4-7-1	7	6	28	17	0.2	17	17.0	5488	12118	0	0	0.0	17.0	0.1
data4-7-2	7	6	28	18	0.2	18	18.0	5488	12028	0	0	0.0	17.0	0.2
data4-7-3	7	6	28	13	0.2	13	13.0	5488	12014	0	0	0.0	13.0	0.1
data4-7-4	7	6	28	16	0.2	16	16.0	5488	12167	0	0	0.0	16.0	0.2
data4-7-5	7	6	28	16	0.2	16	16.0	5488	12123	0	0	0.0	16.0	0.2
data4-7-6	7	6	28	21	0.2	21	21.0	5488	12017	0	0	0.0	21.0	0.2
data4-7-7	7	6	28	18	0.3	18	18.0	5488	12136	0	0	0.0	18.0	0.2
data4-7-8	7	6	28	16	0.2	16	16.0	5488	11983	0	0	0.0	16.0	0.1
data4-7-9	7	6	28	17	0.2	17	17.0	5488	12010	0	0	0.0	17.0	0.1
data4-7-10	7	6	28	13	0.2	13	13.0	5488	11997	0	0	0.0	13.0	0.1
data4-7-11	7	6	28	16	0.3	16	16.0	5488	12125	0	0	0.0	16.0	0.2
data4-7-12	7	6	28	16	0.2	16	16.0	5488	11975	0	0	0.0	16.0	0.1
data4-7-13	7	6	28	15	0.2	15	15.0	5488	12008	0	0	0.0	15.0	0.1
data4-7-14	7	6	28	20	0.4	20	20.0	5488	12170	0	0	0.0	18.5	0.3
data4-7-15	7	6	28	15	0.2	15	15.0	5488	12116	0	0	0.0	15.0	0.1
data4-7-16	7	6	28	12	0.2	12	12.0	5488	12005	0	0	0.0	12.0	0.1
data4-7-17	7	6	28	10	0.2	10	10.0	5488	12077	0	0	0.0	10.0	0.1
data4-7-18	7	6	28	19	0.3	19	19.0	5488	12149	0	0	0.0	19.0	0.2
data4-7-19	7	6	28	14	0.2	14	14.0	5488	12078	0	0	0.0	14.0	0.1
data4-7-20	7	6	28	17	0.2	17	17.0	5488	12096	0	0	0.0	17.0	0.1
data4-7-21	7	6	28	18	0.3	18	18.0	5488	12177	0	0	0.0	18.0	0.2
data4-7-22	7	6	28	17	0.2	17	17.0	5488	12134	0	0	0.0	17.0	0.1
data4-7-23	7	6	28	11	0.1	11	11.0	5488	11904	0	0	0.0	11.0	0.1
data4-7-24	7	6	28	16	0.2	16	16.0	5488	12187	0	0	0.0	15.5	0.2
data4-7-25	7	6	28	16	0.3	16	16.0	5488	12115	0	0	0.0	14.5	0.2
data4-7-26	7	6	28	17	0.2	17	17.0	5488	12041	0	0	0.0	17.0	0.2
data4-7-27	7	6	28	14	0.2	14	14.0	5488	12023	0	0	0.0	14.0	0.1
data4-7-28	7	6	28	22	0.4	22	22.0	5488	12283	0	0	0.0	21.2	0.3
data4-7-29	7	6	28	14	0.2	14	14.0	5488	11990	0	0	0.0	13.5	0.1
data4-7-30	7	6	28	13	0.2	13	13.0	5488	12135	0	0	0.0	13.0	0.1
data4-7-31	7	6	28	22	0.4	22	22.0	5488	12225	0	0	0.0	21.0	0.3
data4-7-32	7	6	28	19	0.2	19	19.0	5488	12126	0	0	0.0	19.0	0.2
data4-7-33	7	6	28	18	0.3	18	18.0	5488	12064	0	0	0.0	17.5	0.2
data4-7-34	7	6	28	14	0.2	14	14.0	5488	12116	0	0	0.0	14.0	0.1
data4-7-35	7	6	28	20	0.4	20	20.0	5488	12335	0	0	0.0	20.0	0.3
data4-7-36	7	6	28	16	0.2	16	16.0	5488	12038	0	0	0.0	16.0	0.1
data4-7-37	7	6	28	17	0.2	17	17.0	5488	12138	0	0	0.0	17.0	0.2
data4-7-38	7	6	28	13	0.2	13	13.0	5488	11985	0	0	0.0	13.0	0.1
data4-7-39	7	6	28	14	0.2	14	14.0	5488	12039	0	0	0.0	14.0	0.1
data4-7-40	7	6	28	15	0.2	15	15.0	5488	12060	0	0	0.0	15.0	0.1
data5-4-1	4	7	20	15	0.1	15	15.0	1600	3692	0	9	0.0	13.0	0.1
data5-4-2	4	7	20	19	0.1	19	19.0	1600	3654	0	2	0.0	17.3	0.1
data5-4-3	4	7	20	15	0.1	15	15.0	1600	3625	0	0	0.0	15.0	0.1
data5-4-4	4	7	20	12	0.1	12	12.0	1600	3643	0	0	0.0	12.0	0.1
data5-4-5	4	7	20	17	0.1	17	17.0	1600	3675	0	0	0.0	15.5	0.1
data5-4-6	4	7	20	14	0.1	14	14.0	1600	3675	0	0	0.0	13.5	0.1
data5-4-7	4	7	20	12	0.1	12	12.0	1600	3661	0	0	0.0	11.0	0.1
data5-4-8	4	7	20	20	0.1	20	20.0	1600	3693	0	2	0.0	19.0	0.1
data5-4-9	4	7	20	15	0.1	15	15.0	1600	3643	0	0	0.0	15.0	0.1
data5-4-10	4	7	20	11	0.1	11	11.0	1600	3618	0	0	0.0	10.5	0.1
data5-4-11	4	7	20	13	0.1	13	13.0	1600	3611	0	0	0.0	13.0	0.1
data5-4-12	4	7	20	19	0.2	19	19.0	1600	3669	1	0	0.0	17.2	0.1
data5-4-13	4	7	20	19	0.1	19	19.0	1600	3629	0	0	0.0	19.0	0.1
data5-4-14	4	7	20	16	0.1	16	16.0	1600	3665	0	1	0.0	15.0	0.1
data5-4-15	4	7	20	12	0.1	12	12.0	1600	3593	0	0	0.0	12.0	0.1
data5-4-16	4	7	20	17	0.1	17	17.0	1600	3642	0	0	0.0	17.0	0.1
data5-4-17	4	7	20	20	0.2	20	20.0	1600	3653	1	26	0.0	17.0	0.1
data5-4-18	4	7	20	7	0.1	7	7.0	1600	3597	0	0	0.0	7.0	0.1
data5-4-19	4	7	20	18	0.1	18	18.0	1600	3684	0	0	0.0	18.0	0.1
data5-4-20	4	7	20	17	0.1	17	17.0	1600	3640	0	0	0.0	16.5	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-4-21	4	7	20	18	0.1	18	18.0	1600	3651	1	12	0.0	16.5	0.1
data5-4-22	4	7	20	13	0.1	13	13.0	1600	3621	0	0	0.0	13.0	0.1
data5-4-23	4	7	20	9	0.1	9	9.0	1600	3634	0	0	0.0	9.0	0.1
data5-4-24	4	7	20	17	0.1	17	17.0	1600	3712	0	4	0.0	16.0	0.1
data5-4-25	4	7	20	8	0.1	8	8.0	1600	3607	0	0	0.0	8.0	0.1
data5-4-26	4	7	20	21	0.1	21	21.0	1600	3657	0	0	0.0	19.8	0.1
data5-4-27	4	7	20	14	0.1	14	14.0	1600	3631	0	0	0.0	14.0	0.1
data5-4-28	4	7	20	18	0.1	18	18.0	1600	3695	0	0	0.0	18.0	0.1
data5-4-29	4	7	20	19	0.2	19	19.0	1600	3648	1	0	0.0	16.5	0.1
data5-4-30	4	7	20	14	0.1	14	14.0	1600	3639	0	0	0.0	14.0	0.1
data5-4-31	4	7	20	11	0.1	11	11.0	1600	3633	0	0	0.0	11.0	0.1
data5-4-32	4	7	20	19	0.1	19	19.0	1600	3666	0	0	0.0	19.0	0.1
data5-4-33	4	7	20	14	0.1	14	14.0	1600	3618	0	0	0.0	14.0	0.1
data5-4-34	4	7	20	17	0.1	17	17.0	1600	3642	0	0	0.0	17.0	0.1
data5-4-35	4	7	20	15	0.1	15	15.0	1600	3628	0	0	0.0	15.0	0.1
data5-4-36	4	7	20	17	0.1	17	17.0	1600	3660	0	0	0.0	17.0	0.1
data5-4-37	4	7	20	13	0.1	13	13.0	1600	3602	0	0	0.0	13.0	0.1
data5-4-38	4	7	20	18	0.1	18	18.0	1600	3697	0	0	0.0	17.5	0.1
data5-4-39	4	7	20	18	0.1	18	18.0	1600	3693	0	0	0.0	17.0	0.1
data5-4-40	4	7	20	16	0.1	16	16.0	1600	3655	0	0	0.0	16.0	0.1
data5-5-1	5	7	25	22	0.2	22	22.0	3125	7071	0	0	0.0	22.0	0.1
data5-5-2	5	7	25	16	0.1	16	16.0	3125	6967	0	0	0.0	16.0	0.1
data5-5-3	5	7	25	22	0.2	22	22.0	3125	7137	0	0	0.0	22.0	0.2
data5-5-4	5	7	25	21	0.2	21	21.0	3125	7040	0	6	0.0	20.0	0.1
data5-5-5	5	7	25	16	0.1	16	16.0	3125	6966	0	0	0.0	15.5	0.1
data5-5-6	5	7	25	18	0.2	18	18.0	3125	7048	1	18	0.0	17.0	0.2
data5-5-7	5	7	25	19	0.1	19	19.0	3125	6957	0	0	0.0	18.5	0.1
data5-5-8	5	7	25	16	0.1	16	16.0	3125	7074	0	0	0.0	16.0	0.1
data5-5-9	5	7	25	12	0.1	12	12.0	3125	7022	0	0	0.0	12.0	0.1
data5-5-10	5	7	25	22	0.1	22	22.0	3125	7061	0	0	0.0	22.0	0.1
data5-5-11	5	7	25	22	0.2	22	22.0	3125	7095	0	0	0.0	22.0	0.2
data5-5-12	5	7	25	18	0.1	18	18.0	3125	6996	0	1	0.0	17.0	0.1
data5-5-13	5	7	25	19	0.2	19	19.0	3125	6994	0	0	0.0	19.0	0.1
data5-5-14	5	7	25	20	0.2	20	20.0	3125	7028	0	0	0.0	20.0	0.2
data5-5-15	5	7	25	21	0.3	21	21.0	3125	7137	1	0	0.0	18.0	0.2
data5-5-16	5	7	25	17	0.1	17	17.0	3125	7040	0	0	0.0	17.0	0.1
data5-5-17	5	7	25	21	0.2	21	21.0	3125	7090	1	20	0.0	20.0	0.1
data5-5-18	5	7	25	16	0.1	16	16.0	3125	7017	0	0	0.0	16.0	0.1
data5-5-19	5	7	25	21	0.1	21	21.0	3125	6996	0	0	0.0	21.0	0.1
data5-5-20	5	7	25	17	0.1	17	17.0	3125	7040	0	0	0.0	16.5	0.1
data5-5-21	5	7	25	17	0.1	17	17.0	3125	7024	0	0	0.0	17.0	0.1
data5-5-22	5	7	25	19	0.1	19	19.0	3125	6988	1	10	0.0	18.0	0.1
data5-5-23	5	7	25	17	0.1	17	17.0	3125	7081	0	0	0.0	17.0	0.1
data5-5-24	5	7	25	20	0.2	20	20.0	3125	7103	0	0	0.0	19.2	0.1
data5-5-25	5	7	25	19	0.3	19	19.0	3125	7026	1	1	0.0	17.0	0.2
data5-5-26	5	7	25	25	0.9	25	25.0	3125	7057	25	6	0.0	22.7	0.3
data5-5-27	5	7	25	19	0.1	19	19.0	3125	7063	0	0	0.0	19.0	0.1
data5-5-28	5	7	25	21	0.1	21	21.0	3125	7046	0	0	0.0	21.0	0.1
data5-5-29	5	7	25	21	0.1	21	21.0	3125	7054	0	0	0.0	21.0	0.1
data5-5-30	5	7	25	14	0.2	14	14.0	3125	7002	0	0	0.0	12.5	0.2
data5-5-31	5	7	25	24	1.1	24	24.0	3125	7083	260	40	0.0	21.5	0.3
data5-5-32	5	7	25	15	0.1	15	15.0	3125	6977	0	0	0.0	15.0	0.1
data5-5-33	5	7	25	22	0.5	22	22.0	3125	7026	1	23	0.0	20.0	0.2
data5-5-34	5	7	25	23	0.3	23	23.0	3125	7080	1	21	0.0	22.0	0.2
data5-5-35	5	7	25	17	0.1	17	17.0	3125	7094	0	0	0.0	17.0	0.1
data5-5-36	5	7	25	20	0.1	20	20.0	3125	7112	0	0	0.0	19.0	0.1
data5-5-37	5	7	25	17	0.2	17	17.0	3125	7027	0	0	0.0	16.5	0.1
data5-5-38	5	7	25	16	0.1	16	16.0	3125	6990	0	0	0.0	16.0	0.1
data5-5-39	5	7	25	15	0.1	15	15.0	3125	6955	0	0	0.0	15.0	0.1
data5-5-40	5	7	25	17	0.1	17	17.0	3125	7023	0	0	0.0	17.0	0.1
data5-6-1	6	7	30	26	1.1	26	26.0	5400	12097	1	0	0.0	22.5	0.4
data5-6-2	6	7	30	16	0.2	16	16.0	5400	11981	0	0	0.0	16.0	0.1
data5-6-3	6	7	30	24	0.4	24	24.0	5400	12102	0	0	0.0	23.0	0.3
data5-6-4	6	7	30	24	0.4	24	24.0	5400	12148	0	0	0.0	23.0	0.3
data5-6-5	6	7	30	23	0.3	23	23.0	5400	12104	0	0	0.0	23.0	0.2
data5-6-6	6	7	30	17	0.2	17	17.0	5400	11947	0	0	0.0	17.0	0.1
data5-6-7	6	7	30	20	0.7	20	20.0	5400	12075	1	0	0.0	17.5	0.3
data5-6-8	6	7	30	18	0.2	18	18.0	5400	11943	0	0	0.0	18.0	0.1
data5-6-9	6	7	30	25	0.5	25	25.0	5400	12080	1	7	0.0	23.5	0.3
data5-6-10	6	7	30	21	0.2	21	21.0	5400	12146	0	2	0.0	20.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-11	6	7	30	19	0.4	19	19.0	5400	11959	0	0	0.0	17.5	0.3
data5-6-12	6	7	30	22	0.2	22	22.0	5400	11999	0	0	0.0	22.0	0.2
data5-6-13	6	7	30	22	0.5	22	22.0	5400	12182	1	0	0.0	20.6	0.4
data5-6-14	6	7	30	20	0.2	20	20.0	5400	11903	1	3	0.0	19.0	0.1
data5-6-15	6	7	30	24	0.5	24	24.0	5400	11941	1	0	0.0	22.5	0.3
data5-6-16	6	7	30	24	0.2	24	24.0	5400	12090	0	0	0.0	23.5	0.2
data5-6-17	6	7	30	22	0.3	22	22.0	5400	12055	0	0	0.0	21.5	0.3
data5-6-18	6	7	30	26	0.3	26	26.0	5400	12035	0	0	0.0	26.0	0.2
data5-6-19	6	7	30	23	0.3	23	23.0	5400	12126	0	0	0.0	23.0	0.2
data5-6-20	6	7	30	20	0.2	20	20.0	5400	11949	0	0	0.0	19.0	0.2
data5-6-21	6	7	30	23	0.7	23	23.0	5400	12232	0	0	0.0	21.5	0.5
data5-6-22	6	7	30	20	0.3	20	20.0	5400	12162	0	0	0.0	20.0	0.2
data5-6-23	6	7	30	23	0.3	23	23.0	5400	12098	0	0	0.0	22.5	0.3
data5-6-24	6	7	30	21	0.3	21	21.0	5400	12142	0	0	0.0	21.0	0.2
data5-6-25	6	7	30	25	1.2	25	25.0	5400	12127	1	0	0.0	22.5	0.6
data5-6-26	6	7	30	26	0.3	26	26.0	5400	12189	0	0	0.0	26.0	0.3
data5-6-27	6	7	30	22	0.3	22	22.0	5400	12154	0	0	0.0	21.5	0.2
data5-6-28	6	7	30	23	0.4	23	23.0	5400	12072	0	0	0.0	21.5	0.2
data5-6-29	6	7	30	24	0.6	24	24.0	5400	12027	1	0	0.0	23.0	0.4
data5-6-30	6	7	30	16	0.2	16	16.0	5400	11885	0	0	0.0	16.0	0.1
data5-6-31	6	7	30	19	0.2	19	19.0	5400	12133	0	0	0.0	19.0	0.2
data5-6-32	6	7	30	24	0.4	24	24.0	5400	12072	0	0	0.0	23.0	0.3
data5-6-33	6	7	30	22	0.3	22	22.0	5400	12041	0	0	0.0	22.0	0.2
data5-6-34	6	7	30	24	0.3	24	24.0	5400	11964	0	0	0.0	24.0	0.2
data5-6-35	6	7	30	26	4.3	26	26.0	5400	12143	1040	3	0.0	24.0	0.7
data5-6-36	6	7	30	23	0.4	23	23.0	5400	12106	0	0	0.0	22.5	0.3
data5-6-37	6	7	30	23	0.3	23	23.0	5400	12140	0	0	0.0	22.5	0.3
data5-6-38	6	7	30	24	0.3	24	24.0	5400	12050	0	0	0.0	23.5	0.2
data5-6-39	6	7	30	18	0.2	18	18.0	5400	11998	0	0	0.0	18.0	0.1
data5-6-40	6	7	30	21	0.2	21	21.0	5400	11968	0	0	0.0	21.0	0.2
data5-7-1	7	7	35	18	0.2	18	18.0	8575	18834	0	0	0.0	18.0	0.2
data5-7-2	7	7	35	24	0.4	24	24.0	8575	18789	0	0	0.0	24.0	0.4
data5-7-3	7	7	35	29	1.2	29	29.0	8575	19269	0	0	0.0	28.0	0.8
data5-7-4	7	7	35	22	0.3	22	22.0	8575	18787	0	0	0.0	22.0	0.2
data5-7-5	7	7	35	28	1.9	28	28.0	8575	19164	1	0	0.0	24.5	0.8
data5-7-6	7	7	35	23	0.7	23	23.0	8575	18917	0	0	0.0	22.5	0.6
data5-7-7	7	7	35	17	0.3	17	17.0	8575	18652	0	0	0.0	17.0	0.2
data5-7-8	7	7	35	25	0.5	25	25.0	8575	18975	0	0	0.0	24.0	0.3
data5-7-9	7	7	35	18	0.3	18	18.0	8575	18801	0	0	0.0	18.0	0.2
data5-7-10	7	7	35	25	1.1	25	25.0	8575	18932	1	0	0.0	23.0	0.6
data5-7-11	7	7	35	25	0.6	25	25.0	8575	18911	0	0	0.0	24.0	0.5
data5-7-12	7	7	35	25	0.5	25	25.0	8575	19089	0	0	0.0	24.5	0.4
data5-7-13	7	7	35	28	0.7	28	28.0	8575	19087	0	0	0.0	27.5	0.6
data5-7-14	7	7	35	23	0.4	23	23.0	8575	19045	0	0	0.0	23.0	0.2
data5-7-15	7	7	35	24	0.4	24	24.0	8575	18881	0	0	0.0	24.0	0.3
data5-7-16	7	7	35	23	0.4	23	23.0	8575	19048	0	0	0.0	22.1	0.3
data5-7-17	7	7	35	26	0.6	26	26.0	8575	18828	0	0	0.0	25.0	0.5
data5-7-18	7	7	35	27	1.4	27	27.0	8575	19136	0	0	0.0	26.0	1.1
data5-7-19	7	7	35	24	0.4	24	24.0	8575	19018	0	0	0.0	24.0	0.4
data5-7-20	7	7	35	29	0.8	29	29.0	8575	19305	0	0	0.0	29.0	0.6
data5-7-21	7	7	35	28	0.9	28	28.0	8575	19053	0	0	0.0	27.0	0.7
data5-7-22	7	7	35	24	0.8	24	24.0	8575	19016	0	0	0.0	22.5	0.6
data5-7-23	7	7	35	24	0.3	24	24.0	8575	18941	0	0	0.0	24.0	0.3
data5-7-24	7	7	35	23	0.8	23	23.0	8575	18913	0	0	0.0	22.0	0.7
data5-7-25	7	7	35	23	0.4	23	23.0	8575	18831	0	0	0.0	23.0	0.3
data5-7-26	7	7	35	20	0.5	20	20.0	8575	18968	0	0	0.0	18.5	0.4
data5-7-27	7	7	35	26	0.4	26	26.0	8575	19012	0	0	0.0	26.0	0.3
data5-7-28	7	7	35	25	0.3	25	25.0	8575	18933	0	0	0.0	25.0	0.3
data5-7-29	7	7	35	23	0.4	23	23.0	8575	18972	0	0	0.0	23.0	0.2
data5-7-30	7	7	35	27	1.6	27	27.0	8575	19249	1	0	0.0	25.0	0.8
data5-7-31	7	7	35	22	0.4	22	22.0	8575	19005	0	0	0.0	22.0	0.2
data5-7-32	7	7	35	22	0.4	22	22.0	8575	19077	0	0	0.0	22.0	0.2
data5-7-33	7	7	35	24	0.4	24	24.0	8575	19016	0	0	0.0	23.5	0.4
data5-7-34	7	7	35	29	0.5	29	29.0	8575	19029	0	0	0.0	29.0	0.3
data5-7-35	7	7	35	24	0.4	24	24.0	8575	18896	0	0	0.0	24.0	0.2
data5-7-36	7	7	35	22	0.5	22	22.0	8575	18955	0	0	0.0	21.0	0.3
data5-7-37	7	7	35	21	0.6	21	21.0	8575	19050	0	0	0.0	21.0	0.5
data5-7-38	7	7	35	20	0.2	20	20.0	8575	18839	0	0	0.0	20.0	0.2
data5-7-39	7	7	35	30	1.7	30	30.0	8575	19094	1	0	0.0	28.0	1.2
data5-7-40	7	7	35	30	1.0	30	30.0	8575	19125	0	0	0.0	30.0	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data5-8-1	8	7	40	25	0.6	25	25.0	12800	28262	0	0	0.0	25.0	0.4
data5-8-2	8	7	40	23	0.5	23	23.0	12800	28015	0	0	0.0	22.5	0.4
data5-8-3	8	7	40	27	0.9	27	27.0	12800	28009	1	0	0.0	26.0	0.6
data5-8-4	8	7	40	27	0.8	27	27.0	12800	28383	0	0	0.0	26.5	0.6
data5-8-5	8	7	40	34	1.5	34	34.0	12800	28365	1	0	0.0	31.0	1.1
data5-8-6	8	7	40	30	1.3	30	30.0	12800	28552	0	0	0.0	29.0	0.8
data5-8-7	8	7	40	28	0.8	28	28.0	12800	28091	0	0	0.0	28.0	0.6
data5-8-8	8	7	40	25	0.7	25	25.0	12800	28173	0	0	0.0	25.0	0.5
data5-8-9	8	7	40	30	0.6	30	30.0	12800	28112	0	0	0.0	29.5	0.5
data5-8-10	8	7	40	29	1.9	29	29.0	12800	28490	1	0	0.0	26.5	0.7
data5-8-11	8	7	40	33	1.7	33	33.0	12800	28429	0	0	0.0	31.5	1.2
data5-8-12	8	7	40	30	1.1	30	30.0	12800	28205	0	0	0.0	28.5	0.8
data5-8-13	8	7	40	29	0.8	29	29.0	12800	28148	0	0	0.0	29.0	0.5
data5-8-14	8	7	40	27	0.7	27	27.0	12800	28171	0	0	0.0	26.5	0.4
data5-8-15	8	7	40	33	1.7	34	33.0	12800	28191	1	21	0.0	33.0	0.8
data5-8-16	8	7	40	29	1.1	29	29.0	12800	28201	0	7	0.0	28.0	0.8
data5-8-17	8	7	40	22	0.4	22	22.0	12800	27973	0	0	0.0	22.0	0.3
data5-8-18	8	7	40	30	1.5	31	30.0	12800	28435	1	31	0.0	30.0	0.8
data5-8-19	8	7	40	27	0.7	27	27.0	12800	28098	0	0	0.0	25.5	0.5
data5-8-20	8	7	40	28	1.0	28	28.0	12800	28063	0	0	0.0	28.0	0.6
data5-8-21	8	7	40	29	0.9	29	29.0	12800	28185	0	0	0.0	28.5	0.6
data5-8-22	8	7	40	33	0.7	33	33.0	12800	28339	0	0	0.0	33.0	0.7
data5-8-23	8	7	40	22	0.4	22	22.0	12800	28134	0	0	0.0	22.0	0.3
data5-8-24	8	7	40	24	0.4	24	24.0	12800	28041	0	0	0.0	24.0	0.3
data5-8-25	8	7	40	23	0.6	23	23.0	12800	28126	0	0	0.0	22.5	0.3
data5-8-26	8	7	40	27	1.1	27	27.0	12800	28112	0	1	0.0	25.5	0.7
data5-8-27	8	7	40	30	1.3	30	30.0	12800	28585	0	0	0.0	29.0	0.8
data5-8-28	8	7	40	27	0.4	27	27.0	12800	28041	0	0	0.0	26.5	0.3
data5-8-29	8	7	40	24	0.5	24	24.0	12800	28016	0	0	0.0	23.5	0.4
data5-8-30	8	7	40	30	0.8	30	30.0	12800	28381	0	0	0.0	29.5	0.7
data5-8-31	8	7	40	27	0.5	27	27.0	12800	27935	0	0	0.0	26.5	0.5
data5-8-32	8	7	40	27	0.6	27	27.0	12800	28075	0	0	0.0	27.0	0.6
data5-8-33	8	7	40	30	0.9	30	30.0	12800	28425	0	0	0.0	30.0	0.6
data5-8-34	8	7	40	28	0.7	28	28.0	12800	28313	0	0	0.0	28.0	0.4
data5-8-35	8	7	40	25	0.9	25	25.0	12800	28414	1	0	0.0	23.5	0.6
data5-8-36	8	7	40	24	0.6	24	24.0	12800	28092	0	0	0.0	23.5	0.5
data5-8-37	8	7	40	30	0.8	30	30.0	12800	28560	0	0	0.0	30.0	0.7
data5-8-38	8	7	40	29	1.2	29	29.0	12800	28193	0	0	0.0	28.0	0.7
data5-8-39	8	7	40	27	0.5	27	27.0	12800	28251	0	0	0.0	27.0	0.4
data5-8-40	8	7	40	26	0.6	26	26.0	12800	28093	0	0	0.0	26.0	0.4
data5-9-1	9	7	45	33	11.6	33	33.0	18225	40160	1228	0	0.0	29.0	1.1
data5-9-2	9	7	45	29	1.4	29	29.0	18225	40027	0	0	0.0	29.0	1.1
data5-9-3	9	7	45	37	1.8	37	37.0	18225	40285	0	0	0.0	35.5	1.5
data5-9-4	9	7	45	28	0.7	28	28.0	18225	39650	0	0	0.0	28.0	0.5
data5-9-5	9	7	45	31	1.1	31	31.0	18225	39909	0	0	0.0	31.0	1.0
data5-9-6	9	7	45	31	2.4	31	31.0	18225	40088	1	0	0.0	30.0	1.5
data5-9-7	9	7	45	33	1.9	33	33.0	18225	40094	0	0	0.0	32.0	1.5
data5-9-8	9	7	45	27	1.0	27	27.0	18225	40165	0	0	0.0	27.0	0.6
data5-9-9	9	7	45	27	3.0	27	27.0	18225	39872	7	1	0.0	23.0	0.9
data5-9-10	9	7	45	31	1.0	31	31.0	18225	39837	0	0	0.0	31.0	0.5
data5-9-11	9	7	45	29	1.2	29	29.0	18225	39789	0	0	0.0	28.0	0.9
data5-9-12	9	7	45	23	0.7	23	23.0	18225	39707	0	0	0.0	23.0	0.4
data5-9-13	9	7	45	28	1.2	28	28.0	18225	39995	0	0	0.0	27.0	0.7
data5-9-14	9	7	45	33	2.1	33	33.0	18225	40084	1	0	0.0	31.0	1.2
data5-9-15	9	7	45	32	0.9	32	32.0	18225	39827	0	0	0.0	32.0	0.7
data5-9-16	9	7	45	31	0.8	31	31.0	18225	40035	0	0	0.0	31.0	0.6
data5-9-17	9	7	45	32	1.6	32	32.0	18225	40372	0	0	0.0	30.5	1.3
data5-9-18	9	7	45	28	1.2	28	28.0	18225	40111	0	0	0.0	27.2	0.8
data5-9-19	9	7	45	31	1.1	31	31.0	18225	39808	0	0	0.0	31.0	0.8
data5-9-20	9	7	45	25	0.8	25	25.0	18225	39649	0	0	0.0	25.0	0.5
data5-9-21	9	7	45	29	1.6	29	29.0	18225	40315	0	0	0.0	28.5	1.1
data5-9-22	9	7	45	33	1.5	33	33.0	18225	40052	0	0	0.0	32.0	1.1
data5-9-23	9	7	45	34	4.7	34	34.0	18225	40191	1	0	0.0	31.5	1.4
data5-9-24	9	7	45	27	0.7	27	27.0	18225	39337	0	0	0.0	26.0	0.5
data5-9-25	9	7	45	35	1.8	35	35.0	18225	40276	0	0	0.0	34.0	1.7
data5-9-26	9	7	45	31	0.8	31	31.0	18225	40163	0	0	0.0	31.0	0.7
data5-9-27	9	7	45	33	1.3	33	33.0	18225	39962	0	0	0.0	33.0	0.9
data5-9-28	9	7	45	31	3.7	31	31.0	18225	40029	88	0	0.0	28.0	1.1
data5-9-29	9	7	45	30	2.0	30	30.0	18225	40139	1	0	0.0	28.0	0.9
data5-9-30	9	7	45	32	3.3	32	32.0	18225	40415	1	0	0.0	29.7	1.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-31	9	7	45	31	1.3	31	31.0	18225	40424	0	0	0.0	30.5	1.2
data5-9-32	9	7	45	26	0.7	26	26.0	18225	39653	0	0	0.0	26.0	0.5
data5-9-33	9	7	45	35	1.7	35	35.0	18225	40202	0	0	0.0	35.0	1.2
data5-9-34	9	7	45	32	1.2	32	32.0	18225	40074	0	0	0.0	31.5	1.1
data5-9-35	9	7	45	28	1.2	28	28.0	18225	39961	0	0	0.0	27.5	0.9
data5-9-36	9	7	45	34	3.2	35	34.0	18225	39932	1	15	0.0	33.0	1.3
data5-9-37	9	7	45	22	0.6	22	22.0	18225	39458	0	0	0.0	22.0	0.4
data5-9-38	9	7	45	30	1.2	30	30.0	18225	40132	0	0	0.0	29.5	0.8
data5-9-39	9	7	45	34	2.4	34	34.0	18225	40312	0	0	0.0	33.0	1.5
data5-9-40	9	7	45	32	1.1	32	32.0	18225	40159	0	0	0.0	32.0	0.8
data5-10-1	10	7	50	35	1.4	35	35.0	25000	54506	0	0	0.0	34.5	1.3
data5-10-2	10	7	50	35	4.8	35	35.0	25000	54879	1	0	0.0	33.0	1.5
data5-10-3	10	7	50	39	10.3	39	39.0	25000	55685	41	0	0.0	36.0	3.8
data5-10-4	10	7	50	32	1.4	32	32.0	25000	54682	0	0	0.0	32.0	0.9
data5-10-5	10	7	50	33	2.6	34	33.0	25000	54886	1	37	0.0	33.0	1.4
data5-10-6	10	7	50	34	2.4	34	34.0	25000	55131	1	0	0.0	32.0	1.5
data5-10-7	10	7	50	35	1.7	35	35.0	25000	54380	0	0	0.0	35.0	1.2
data5-10-8	10	7	50	32	1.6	32	32.0	25000	54456	0	0	0.0	32.0	0.8
data5-10-9	10	7	50	33	1.8	33	33.0	25000	54610	0	0	0.0	32.0	1.5
data5-10-10	10	7	50	31	1.3	31	31.0	25000	54557	0	0	0.0	31.0	0.9
data5-10-11	10	7	50	34	2.1	34	34.0	25000	54940	0	0	0.0	33.0	1.4
data5-10-12	10	7	50	32	1.3	32	32.0	25000	54802	0	0	0.0	32.0	0.7
data5-10-13	10	7	50	31	0.9	31	31.0	25000	54211	0	0	0.0	31.0	0.8
data5-10-14	10	7	50	37	4.5	37	37.0	25000	54924	1	0	0.0	34.5	1.6
data5-10-15	10	7	50	36	3.9	36	36.0	25000	54992	1	0	0.0	33.5	1.5
data5-10-16	10	7	50	33	3.6	33	33.0	25000	54785	1	0	0.0	31.5	1.7
data5-10-17	10	7	50	37	2.7	37	37.0	25000	55040	0	0	0.0	37.0	2.0
data5-10-18	10	7	50	28	0.8	28	28.0	25000	54501	0	0	0.0	28.0	0.7
data5-10-19	10	7	50	32	1.1	32	32.0	25000	54618	0	0	0.0	32.0	0.9
data5-10-20	10	7	50	32	1.5	32	32.0	25000	54550	0	0	0.0	31.0	0.9
data5-10-21	10	7	50	30	1.9	30	30.0	25000	54567	0	0	0.0	29.0	1.2
data5-10-22	10	7	50	33	1.2	33	33.0	25000	54501	0	0	0.0	32.5	1.0
data5-10-23	10	7	50	32	2.7	32	32.0	25000	54907	0	0	0.0	30.3	1.4
data5-10-24	10	7	50	32	1.9	32	32.0	25000	54897	0	0	0.0	32.0	1.3
data5-10-25	10	7	50	35	3.5	35	35.0	25000	54862	1	0	0.0	33.0	1.9
data5-10-26	10	7	50	27	1.1	27	27.0	25000	54756	0	0	0.0	27.0	0.7
data5-10-27	10	7	50	38	3.2	38	38.0	25000	55231	1	0	0.0	36.0	2.3
data5-10-28	10	7	50	39	5.2	39	39.0	25000	55345	1	0	0.0	35.0	1.7
data5-10-29	10	7	50	40	3.1	40	40.0	25000	54515	1	0	0.0	38.3	1.7
data5-10-30	10	7	50	35	2.3	35	35.0	25000	54681	0	0	0.0	34.1	1.6
data5-10-31	10	7	50	34	2.1	34	34.0	25000	54753	0	0	0.0	33.0	1.7
data5-10-32	10	7	50	28	1.3	28	28.0	25000	54188	0	0	0.0	27.5	1.1
data5-10-33	10	7	50	35	3.5	35	35.0	25000	54603	1	0	0.0	34.0	1.6
data5-10-34	10	7	50	34	1.4	34	34.0	25000	54547	0	0	0.0	34.0	1.2
data5-10-35	10	7	50	29	0.9	29	29.0	25000	53993	0	0	0.0	29.0	0.7
data5-10-36	10	7	50	33	1.6	33	33.0	25000	54317	0	0	0.0	32.5	1.4
data5-10-37	10	7	50	33	1.4	33	33.0	25000	54484	0	0	0.0	32.0	1.1
data5-10-38	10	7	50	34	2.4	34	34.0	25000	55103	1	0	0.0	32.0	1.6
data5-10-39	10	7	50	32	1.3	32	32.0	25000	54767	0	0	0.0	32.0	1.1
data5-10-40	10	7	50	27	0.9	27	27.0	25000	54347	0	0	0.0	27.0	0.7
data6-6-1	6	8	36	29	0.6	29	29.0	7776	17519	0	0	0.0	29.0	0.5
data6-6-2	6	8	36	31	0.9	31	31.0	7776	17454	0	0	0.0	29.4	0.5
data6-6-3	6	8	36	34	2.2	34	34.0	7776	17522	10	4	0.0	31.0	1.0
data6-6-4	6	8	36	33	1.7	33	33.0	7776	17582	1	0	0.0	30.5	0.6
data6-6-5	6	8	36	30	1.1	30	30.0	7776	17456	0	0	0.0	29.0	0.7
data6-6-6	6	8	36	36	2.8	36	36.0	7776	17337	1	0	0.0	32.0	0.8
data6-6-7	6	8	36	32	1.4	32	32.0	7776	17501	9	67	0.0	30.0	0.7
data6-6-8	6	8	36	25	0.7	26	25.0	7776	17255	1	1	0.0	24.0	0.6
data6-6-9	6	8	36	27	0.5	27	27.0	7776	17536	0	0	0.0	27.0	0.4
data6-6-10	6	8	36	29	0.7	29	29.0	7776	17425	0	0	0.0	28.5	0.6
data6-6-11	6	8	36	32	2.0	32	32.0	7776	17328	31	20	0.0	29.5	0.9
data6-6-12	6	8	36	24	0.3	24	24.0	7776	17167	0	0	0.0	24.0	0.2
data6-6-13	6	8	36	28	0.6	28	28.0	7776	17399	0	0	0.0	28.0	0.4
data6-6-14	6	8	36	28	0.6	28	28.0	7776	17464	0	0	0.0	28.0	0.5
data6-6-15	6	8	36	34	29.7	34	34.0	7776	17503	1323	103	0.0	30.5	0.8
data6-6-16	6	8	36	31	2.0	32	31.0	7776	17399	109	68	0.0	29.5	0.6
data6-6-17	6	8	36	29	0.5	29	29.0	7776	17217	0	0	0.0	29.0	0.5
data6-6-18	6	8	36	31	1.3	31	31.0	7776	17340	1	14	0.0	29.0	0.8
data6-6-19	6	8	36	31	0.5	31	31.0	7776	17526	0	0	0.0	31.0	0.4
data6-6-20	6	8	36	27	0.3	27	27.0	7776	17214	0	0	0.0	26.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-21	6	8	36	30	0.4	30	30.0	7776	17261	0	0	0.0	29.0	0.3
data6-6-22	6	8	36	31	1.3	31	31.0	7776	17442	1	10	0.0	29.0	0.6
data6-6-23	6	8	36	35	30.3	35	35.0	7776	17438	1930	115	0.0	30.0	1.1
data6-6-24	6	8	36	31	0.7	31	31.0	7776	17301	1	0	0.0	29.5	0.4
data6-6-25	6	8	36	27	0.4	27	27.0	7776	17352	0	0	0.0	27.0	0.3
data6-6-26	6	8	36	31	1.1	31	31.0	7776	17370	1	13	0.0	29.0	0.5
data6-6-27	6	8	36	35	1.5	35	35.0	7776	17347	1	0	0.0	33.0	0.7
data6-6-28	6	8	36	26	0.6	26	26.0	7776	17322	0	0	0.0	24.5	0.5
data6-6-29	6	8	36	36	16.9	36	36.0	7776	17455	1819	115	0.0	33.2	1.0
data6-6-30	6	8	36	37	3.1	37	37.0	7776	17509	10	10	0.0	34.5	0.8
data6-6-31	6	8	36	35	10.0	35	35.0	7776	17432	1863	35	0.0	30.0	0.9
data6-6-32	6	8	36	25	0.3	25	25.0	7776	17295	0	0	0.0	25.0	0.2
data6-6-33	6	8	36	28	1.0	28	28.0	7776	17321	1	0	0.0	26.0	0.6
data6-6-34	6	8	36	32	1.5	32	32.0	7776	17465	1	0	0.0	30.0	0.6
data6-6-35	6	8	36	32	1.5	32	32.0	7776	17375	1	4	0.0	29.5	0.5
data6-6-36	6	8	36	30	0.8	30	30.0	7776	17343	0	0	0.0	29.0	0.6
data6-6-37	6	8	36	29	1.4	29	29.0	7776	17520	1	1	0.0	26.5	0.7
data6-6-38	6	8	36	28	1.2	28	28.0	7776	17462	1	0	0.0	26.0	0.5
data6-6-39	6	8	36	36	1.8	36	36.0	7776	17566	1	0	0.0	33.5	0.7
data6-6-40	6	8	36	40	38.9	40	40.0	7776	17401	1536	41	0.0	34.0	1.1
data6-10-1	10	8	60	50	47.7	50	50.0	36000	79229	668	0	0.0	46.5	4.7
data6-10-2	10	8	60	46	2.2	46	46.0	36000	78942	0	0	0.0	46.0	1.8
data6-10-3	10	8	60	47	10.3	47	47.0	36000	79306	1	0	0.0	44.5	4.0
data6-10-4	10	8	60	43	2.8	43	43.0	36000	78525	0	0	0.0	42.0	1.9
data6-10-5	10	8	60	44	34.4	45	44.0	36000	79348	192	38	0.0	40.0	4.4
data6-10-6	10	8	60	46	2.8	46	46.0	36000	78591	0	0	0.0	46.0	1.9
data6-10-7	10	8	60	53	8.9	53	53.0	36000	79598	0	0	0.0	51.5	5.2
data6-10-8	10	8	60	51	41.0	52	51.0	36000	79428	780	98	0.0	45.5	3.2
data6-10-9	10	8	60	40	4.8	40	40.0	36000	77967	1	0	0.0	38.0	1.7
data6-10-10	10	8	60	43	8.2	44	43.0	36000	79428	32	140	0.1	41.0	2.9
data6-10-11	10	8	60	43	9.6	44	43.0	36000	78933	16	15	0.0	41.0	2.1
data6-10-12	10	8	60	41	3.0	41	41.0	36000	78903	0	0	0.0	41.0	2.8
data6-10-13	10	8	60	42	5.9	42	42.0	36000	79175	0	0	0.0	41.0	3.2
data6-10-14	10	8	60	43	3.2	43	43.0	36000	78619	0	0	0.0	42.0	1.8
data6-10-15	10	8	60	50	29.2	51	50.0	36000	79884	320	49	0.0	47.5	3.6
data6-10-16	10	8	60	42	7.4	42	42.0	36000	79172	1	0	0.0	39.5	1.9
data6-10-17	10	8	60	45	198.6	46	45.0	36000	78998	963	64	0.0	43.5	3.6
data6-10-18	10	8	60	48	127.9	48	48.0	36000	79295	1114	0	0.0	46.0	2.9
data6-10-19	10	8	60	50	33.2	51	50.0	36000	79298	32	27	0.0	46.0	3.4
data6-10-20	10	8	60	45	136.5	45	45.0	36000	79112	1044	0	0.0	41.5	3.5
data6-10-21	10	8	60	45	4.8	45	45.0	36000	79712	0	0	0.0	44.0	2.2
data6-10-22	10	8	60	50	146.7	52	50.0	36000	79174	1498	69	0.0	48.0	4.9
data6-10-23	10	8	60	44	4.6	44	44.0	36000	78938	0	0	0.0	44.0	2.3
data6-10-24	10	8	60	45	9.3	48	45.0	36000	79158	1	10	0.0	44.5	2.7
data6-10-25	10	8	60	43	3.1	43	43.0	36000	78194	0	0	0.0	42.0	1.8
data6-10-26	10	8	60	36	2.3	36	36.0	36000	78084	0	0	0.0	35.0	1.2
data6-10-27	10	8	60	43	5.6	44	43.0	36000	78899	1	67	0.0	42.0	2.9
data6-10-28	10	8	60	51	93.2	51	51.0	36000	79851	1063	0	0.0	48.0	3.1
data6-10-29	10	8	60	46	24.2	46	46.0	36000	79251	52	0	0.0	44.0	4.3
data6-10-30	10	8	60	45	6.2	45	45.0	36000	78931	1	0	0.0	43.3	1.7
data6-10-31	10	8	60	48	5.4	48	48.0	36000	78993	0	0	0.0	48.0	2.5
data6-10-32	10	8	60	53	1167.5	54	53.0	36000	79408	2837	277	0.2	48.0	3.9
data6-10-33	10	8	60	47	20.6	48	47.0	36000	79159	48	23	0.0	43.5	1.9
data6-10-34	10	8	60	45	17.4	45	45.0	36000	79030	1	0	0.0	41.5	2.9
data6-10-35	10	8	60	36	3.4	36	36.0	36000	78749	0	0	0.0	36.0	1.2
data6-10-36	10	8	60	48	7.5	48	48.0	36000	79134	0	0	0.0	47.0	2.4
data6-10-37	10	8	60	45	290.7	45	45.0	36000	79156	2642	4	0.0	41.5	2.5
data6-10-38	10	8	60	41	20.4	42	41.0	36000	78961	1	32	0.0	39.5	2.3
data6-10-39	10	8	60	50	187.0	50	50.0	36000	79825	1091	0	0.0	44.0	2.9
data6-10-40	10	8	60	47	20.4	48	47.0	36000	78933	1	22	0.0	46.0	2.4
data10-6-1	6	12	60	90	3601.3	90	84.0	21600	48267	58961	1660	1.0	79.0	2.5
data10-6-2	6	12	60	62	16.4	63	62.0	21600	48187	1	37	0.0	59.5	1.6
data10-6-3	6	12	60	81	3601.4	81	75.0	21600	48619	23373	1916	1.0	71.0	2.4
data10-6-4	6	12	60	83	3601.2	83	76.0	21600	48525	7137	378	0.1	63.8	2.2
data10-6-5	6	12	60	72	3601.3	72	65.0	21600	48190	10815	429	0.2	58.0	2.9
data10-6-6	6	12	60	75	1139.2	76	75.0	21600	48190	14353	430	0.2	70.9	1.7
data10-6-7	6	12	60	83	3601.6	85	74.0	21600	48893	12744	987	0.4	68.2	2.8
data10-6-8	6	12	60	80	3601.3	81	74.0	21600	48495	16435	1915	0.9	66.4	4.0
data10-6-9	6	12	60	82	3601.4	82	76.0	21600	48437	3659	191	0.1	67.4	5.2
data10-6-10	6	12	60	90	3601.6	90	77.0	21600	48478	14674	1565	0.6	73.0	2.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data10-6-11	6	12	60	63	310.9	64	63.0	21600	48086	5580	566	0.3	59.5	1.3
data10-6-12	6	12	60	83	3601.5	83	76.0	21600	48743	24899	1621	0.7	75.0	3.2
data10-6-13	6	12	60	78	3601.3	78	71.0	21600	48296	11718	593	0.2	58.0	1.7
data10-6-14	6	12	60	75	911.3	76	75.0	21600	48424	10605	437	0.2	68.4	2.3
data10-6-15	6	12	60	67	3601.2	67	64.0	21600	48441	33344	1193	0.6	56.6	1.5
data10-6-16	6	12	60	66	480.5	67	66.0	21600	48354	1029	200	0.2	61.5	1.7
data10-6-17	6	12	60	75	3601.2	75	70.0	21600	48376	24512	478	0.2	60.8	2.3
data10-6-18	6	12	60	71	3600.9	71	68.0	21600	48277	34621	853	0.4	64.5	1.7
data10-6-19	6	12	60	72	2980.5	75	72.0	21600	48473	20364	1603	0.8	69.5	2.4
data10-6-20	6	12	60	81	3601.5	84	78.0	21600	48221	11235	1496	0.7	72.5	3.0
data10-6-21	6	12	60	64	3138.9	67	64.0	21600	47937	8622	693	0.3	57.5	2.0
data10-6-22	6	12	60	62	10.8	62	62.0	21600	48173	1	24	0.0	59.5	2.0
data10-6-23	6	12	60	59	167.7	60	59.0	21600	48220	1528	151	0.1	56.0	1.4
data10-6-24	6	12	60	81	3601.2	82	77.0	21600	48433	16428	1124	0.6	74.0	2.5
data10-6-25	6	12	60	82	3601.0	82	73.0	21600	48539	11048	721	0.3	63.0	2.2
data10-6-26	6	12	60	70	1410.4	72	70.0	21600	48181	20182	1309	0.7	68.0	1.8
data10-6-27	6	12	60	85	3601.5	86	79.0	21600	48207	11760	583	0.2	69.9	3.6
data10-6-28	6	12	60	76	3601.3	76	67.0	21600	48400	13033	832	0.3	57.9	2.3
data10-6-29	6	12	60	80	3601.3	80	74.0	21600	48424	32282	1843	0.7	67.5	2.5
data10-6-30	6	12	60	67	1488.9	67	67.0	21600	48288	7370	97	0.0	59.8	1.9
data10-6-31	6	12	60	81	2069.0	84	81.0	21600	48565	15250	1973	1.3	79.2	2.2
data10-6-32	6	12	60	88	3601.3	88	82.0	21600	48391	27179	2693	1.5	77.5	1.6
data10-6-33	6	12	60	77	3601.3	77	75.0	21600	48302	35355	968	0.4	70.0	3.0
data10-6-34	6	12	60	105	3601.7	105	97.0	21600	48280	9666	1971	0.8	92.2	4.3
data10-6-35	6	12	60	83	3601.4	83	74.0	21600	48610	12075	1174	0.4	66.4	4.8
data10-6-36	6	12	60	88	3601.6	88	80.0	21600	48214	13324	1244	0.7	74.5	3.2
data10-6-37	6	12	60	62	216.1	65	62.0	21600	48166	659	255	0.1	60.2	1.3
data10-6-38	6	12	60	82	3601.6	83	70.0	21600	48429	13297	2051	1.1	66.5	3.8
data10-6-39	6	12	60	60	557.5	61	60.0	21600	48144	7822	279	0.1	57.0	1.3
data10-6-40	6	12	60	81	3601.4	81	77.0	21600	48366	18559	1233	0.4	70.8	2.4
data10-10-1	10	12	100	108	3603.6	108	93.0	100000	221560	257	120	0.2	90.0	257.6
data10-10-2	10	12	100	105	3603.8	105	96.0	100000	219865	546	343	0.5	92.5	227.1
data10-10-3	10	12	100	100	3603.8	100	88.0	100000	221649	510	147	0.2	83.5	22.0
data10-10-4	10	12	100	108	3603.8	108	96.0	100000	220680	550	283	0.3	93.5	74.7
data10-10-5	10	12	100	120	3604.1	120	99.0	100000	219753	551	316	0.4	93.1	131.9
data10-10-6	10	12	100	110	3603.5	110	104.0	100000	220566	586	190	0.3	98.2	179.7
data10-10-7	10	12	100	117	3603.9	117	99.0	100000	219704	612	296	0.5	93.5	187.1
data10-10-8	10	12	100	115	3603.9	115	97.0	100000	220935	138	122	0.2	92.0	312.9
data10-10-9	10	12	100	118	3602.9	118	104.0	100000	219013	560	468	0.7	102.0	96.3
data10-10-10	10	12	100	107	3603.8	107	99.0	100000	219375	510	50	0.1	93.5	206.0
data10-10-11	10	12	100	105	3603.6	105	94.0	100000	221707	312	90	0.2	87.5	153.1
data10-10-12	10	12	100	123	3604.0	123	103.0	100000	219447	512	98	0.2	101.4	334.6
data10-10-13	10	12	100	89	3616.9	92	85.0	100000	219469	540	282	0.6	84.2	58.1
data10-10-14	10	12	100	109	3605.7	109	96.0	100000	219179	545	156	0.3	90.5	279.3
data10-10-15	10	12	100	116	3604.1	116	97.0	100000	220459	539	191	0.3	92.2	53.0
data10-10-16	10	12	100	116	3602.7	116	110.0	100000	220283	951	756	1.3	106.5	86.4
data10-10-17	10	12	100	138	3604.2	138	120.0	100000	220701	229	173	0.2	115.5	521.8
data10-10-18	10	12	100	109	3613.8	109	105.0	100000	219699	615	297	0.6	103.7	65.9
data10-10-19	10	12	100	112	3603.9	112	95.0	100000	221565	512	71	0.1	90.0	190.3
data10-10-20	10	12	100	118	3603.9	118	106.0	100000	219683	181	111	0.2	102.0	244.7
data10-10-21	10	12	100	111	3603.9	111	100.0	100000	220890	235	93	0.2	93.0	180.1
data10-10-22	10	12	100	113	3603.8	113	102.0	100000	220194	541	285	0.7	100.2	113.2
data10-10-23	10	12	100	105	3604.8	105	99.0	100000	219056	570	399	0.9	98.0	42.5
data10-10-24	10	12	100	109	3603.9	109	103.0	100000	219807	682	410	0.7	96.5	78.1
data10-10-25	10	12	100	117	3603.8	117	97.0	100000	219598	16	98	0.2	91.5	207.9
data10-10-26	10	12	100	129	3604.1	129	100.0	100000	221574	90	96	0.1	93.0	346.4
data10-10-27	10	12	100	118	3604.2	118	100.0	100000	221337	534	215	0.4	94.1	189.3
data10-10-28	10	12	100	114	3603.8	114	99.0	100000	220040	513	163	0.2	96.5	245.9
data10-10-29	10	12	100	115	3605.9	115	100.0	100000	219893	518	181	0.4	95.5	248.6
data10-10-30	10	12	100	111	3603.4	112	99.0	100000	220244	512	77	0.2	94.5	212.5
data10-10-31	10	12	100	118	3604.4	118	100.0	100000	220551	1	149	0.3	95.3	216.9
data10-10-32	10	12	100	104	3604.2	104	96.0	100000	218710	538	96	0.2	90.3	137.9
data10-10-33	10	12	100	118	3603.8	118	110.0	100000	219829	585	436	0.8	106.8	169.1
data10-10-34	10	12	100	114	3603.8	114	102.0	100000	218974	659	368	0.4	98.0	79.9
data10-10-35	10	12	100	111	3603.6	111	105.0	100000	220723	579	175	0.3	101.0	176.7
data10-10-36	10	12	100	98	3603.8	98	94.0	100000	219204	725	567	1.1	89.0	38.8
data10-10-37	10	12	100	111	3603.7	111	103.0	100000	218810	1481	427	0.6	100.0	68.2
data10-10-38	10	12	100	111	3604.2	111	102.0	100000	220003	604	564	0.8	99.5	128.7
data10-10-39	10	12	100	107	3603.4	108	93.0	100000	220653	443	64	0.2	87.7	96.0
data10-10-40	10	12	100	112	3603.9	112	93.0	100000	221159	525	104	0.2	87.4	98.9

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
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3 GROUP 6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-6-15-00001.txt	6	3	15	7	0.1	7	7.0	1350	2937	0	0	0.0	7.0	0.1
data3-6-15-00002.txt	6	3	15	7	0.1	7	7.0	1350	2990	0	1	0.0	6.0	0.1
data3-6-15-00003.txt	6	3	15	3	0.1	3	3.0	1350	2850	0	0	0.0	3.0	0.1
data3-6-15-00004.txt	6	3	15	5	0.1	5	5.0	1350	2975	0	0	0.0	5.0	0.1
data3-6-15-00005.txt	6	3	15	6	0.1	6	6.0	1350	2960	0	0	0.0	6.0	0.1
data3-6-15-00006.txt	6	3	15	6	0.1	6	6.0	1350	2964	0	0	0.0	6.0	0.1
data3-6-15-00007.txt	6	3	15	4	0.1	4	4.0	1350	2902	0	0	0.0	4.0	0.1
data3-6-15-00008.txt	6	3	15	8	0.1	8	8.0	1350	2997	0	0	0.0	8.0	0.1
data3-6-15-00009.txt	6	3	15	6	0.1	6	6.0	1350	2974	0	0	0.0	6.0	0.1
data3-6-15-00010.txt	6	3	15	7	0.1	7	7.0	1350	2934	0	0	0.0	7.0	0.1
data3-6-15-00011.txt	6	3	15	7	0.1	7	7.0	1350	2918	0	0	0.0	7.0	0.1
data3-6-15-00012.txt	6	3	15	6	0.1	6	6.0	1350	2916	0	0	0.0	6.0	0.0
data3-6-15-00013.txt	6	3	15	7	0.1	7	7.0	1350	2980	0	0	0.0	7.0	0.1
data3-6-15-00014.txt	6	3	15	5	0.1	5	5.0	1350	2920	0	0	0.0	5.0	0.1
data3-6-15-00015.txt	6	3	15	4	0.1	4	4.0	1350	2951	0	0	0.0	4.0	0.1
data3-6-15-00016.txt	6	3	15	6	0.1	6	6.0	1350	2956	0	0	0.0	6.0	0.1
data3-6-15-00017.txt	6	3	15	3	0.1	3	3.0	1350	2902	0	0	0.0	3.0	0.1
data3-6-15-00018.txt	6	3	15	5	0.1	5	5.0	1350	2903	0	0	0.0	5.0	0.1
data3-6-15-00019.txt	6	3	15	3	0.1	3	3.0	1350	2959	0	0	0.0	3.0	0.1
data3-6-15-00020.txt	6	3	15	3	0.1	3	3.0	1350	2926	0	0	0.0	3.0	0.0
data3-6-15-00021.txt	6	3	15	6	0.1	6	6.0	1350	2930	0	0	0.0	6.0	0.0
data3-6-15-00022.txt	6	3	15	5	0.1	5	5.0	1350	2957	0	0	0.0	5.0	0.0
data3-6-15-00023.txt	6	3	15	7	0.1	7	7.0	1350	2997	0	0	0.0	7.0	0.1
data3-6-15-00024.txt	6	3	15	4	0.1	4	4.0	1350	2899	0	0	0.0	4.0	0.0
data3-6-15-00025.txt	6	3	15	6	0.1	6	6.0	1350	2939	0	0	0.0	6.0	0.0
data3-6-15-00026.txt	6	3	15	4	0.1	4	4.0	1350	2906	0	0	0.0	4.0	0.0
data3-6-15-00027.txt	6	3	15	7	0.1	7	7.0	1350	2933	0	0	0.0	7.0	0.0
data3-6-15-00028.txt	6	3	15	7	0.1	7	7.0	1350	3026	0	0	0.0	7.0	0.1
data3-6-15-00029.txt	6	3	15	4	0.1	4	4.0	1350	2901	0	0	0.0	4.0	0.0
data3-6-15-00030.txt	6	3	15	3	0.1	3	3.0	1350	2888	0	0	0.0	3.0	0.0
data3-6-15-00031.txt	6	3	15	5	0.1	5	5.0	1350	2948	0	0	0.0	5.0	0.1
data3-6-15-00032.txt	6	3	15	5	0.1	5	5.0	1350	2949	0	0	0.0	5.0	0.1
data3-6-15-00033.txt	6	3	15	4	0.1	4	4.0	1350	2907	0	0	0.0	4.0	0.1
data3-6-15-00034.txt	6	3	15	6	0.1	6	6.0	1350	2942	0	0	0.0	6.0	0.0
data3-6-15-00035.txt	6	3	15	3	0.1	3	3.0	1350	2910	0	0	0.0	3.0	0.1
data3-6-15-00036.txt	6	3	15	6	0.1	6	6.0	1350	2949	0	0	0.0	6.0	0.1
data3-6-15-00037.txt	6	3	15	6	0.1	6	6.0	1350	2950	0	0	0.0	6.0	0.1
data3-6-15-00038.txt	6	3	15	6	0.1	6	6.0	1350	2987	0	0	0.0	6.0	0.1
data3-6-15-00039.txt	6	3	15	8	0.1	8	8.0	1350	2955	0	0	0.0	8.0	0.1
data3-6-15-00040.txt	6	3	15	11	0.1	11	11.0	1350	3025	0	0	0.0	11.0	0.1
data3-6-15-00041.txt	6	3	15	8	0.1	8	8.0	1350	2971	0	0	0.0	8.0	0.1
data3-6-15-00042.txt	6	3	15	4	0.1	4	4.0	1350	2970	0	0	0.0	4.0	0.1
data3-6-15-00043.txt	6	3	15	6	0.1	6	6.0	1350	2980	0	0	0.0	6.0	0.0
data3-6-15-00044.txt	6	3	15	6	0.1	6	6.0	1350	2958	0	0	0.0	6.0	0.1
data3-6-15-00045.txt	6	3	15	4	0.1	4	4.0	1350	2926	0	0	0.0	4.0	0.1
data3-6-15-00046.txt	6	3	15	4	0.1	4	4.0	1350	2918	0	0	0.0	4.0	0.1
data3-6-15-00047.txt	6	3	15	4	0.1	4	4.0	1350	2890	0	0	0.0	4.0	0.1
data3-6-15-00048.txt	6	3	15	8	0.1	8	8.0	1350	2975	0	0	0.0	8.0	0.1
data3-6-15-00049.txt	6	3	15	7	0.1	7	7.0	1350	2957	0	0	0.0	7.0	0.1
data3-6-15-00050.txt	6	3	15	7	0.1	7	7.0	1350	2945	0	0	0.0	7.0	0.1
data3-6-15-00051.txt	6	3	15	6	0.1	6	6.0	1350	2967	0	0	0.0	6.0	0.1
data3-6-15-00052.txt	6	3	15	9	0.1	9	9.0	1350	2923	0	0	0.0	9.0	0.1
data3-6-15-00053.txt	6	3	15	6	0.1	6	6.0	1350	2923	0	0	0.0	6.0	0.1
data3-6-15-00054.txt	6	3	15	4	0.1	4	4.0	1350	2933	0	0	0.0	4.0	0.1
data3-6-15-00055.txt	6	3	15	8	0.1	8	8.0	1350	2933	0	0	0.0	8.0	0.1
data3-6-15-00056.txt	6	3	15	5	0.1	5	5.0	1350	2923	0	0	0.0	5.0	0.1
data3-6-15-00057.txt	6	3	15	3	0.1	3	3.0	1350	2892	0	0	0.0	3.0	0.1
data3-6-15-00058.txt	6	3	15	4	0.1	4	4.0	1350	2920	0	0	0.0	4.0	0.1
data3-6-15-00059.txt	6	3	15	4	0.1	4	4.0	1350	2913	0	0	0.0	4.0	0.1
data3-6-15-00060.txt	6	3	15	5	0.1	5	5.0	1350	2947	0	0	0.0	5.0	0.1
data3-6-15-00061.txt	6	3	15	4	0.1	4	4.0	1350	2922	0	0	0.0	4.0	0.1
data3-6-15-00062.txt	6	3	15	6	0.1	6	6.0	1350	2939	0	0	0.0	6.0	0.1
data3-6-15-00063.txt	6	3	15	8	0.1	8	8.0	1350	2957	0	0	0.0	8.0	0.1
data3-6-15-00064.txt	6	3	15	7	0.1	7	7.0	1350	2970	0	0	0.0	7.0	0.1
data3-6-15-00065.txt	6	3	15	2	0.1	2	2.0	1350	2897	0	0	0.0	2.0	0.1
data3-6-15-00066.txt	6	3	15	6	0.1	6	6.0	1350	2891	0	0	0.0	6.0	0.1
data3-6-15-00067.txt	6	3	15	6	0.1	6	6.0	1350	2959	0	0	0.0	6.0	0.1
data3-6-15-00068.txt	6	3	15	8	0.1	8	8.0	1350	2967	0	0	0.0	8.0	0.1
data3-6-15-00069.txt	6	3	15	3	0.1	3	3.0	1350	2882	0	0	0.0	3.0	0.1
data3-6-15-00070.txt	6	3	15	7	0.1	7	7.0	1350	2942	0	0	0.0	7.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-6-15-00071.txt	6	3	15	8	0.1	8	8.0	1350	2955	0	0	0.0	8.0	0.1
data3-6-15-00072.txt	6	3	15	9	0.1	9	9.0	1350	2963	0	0	0.0	9.0	0.1
data3-6-15-00073.txt	6	3	15	5	0.1	5	5.0	1350	2915	0	0	0.0	5.0	0.1
data3-6-15-00074.txt	6	3	15	5	0.1	5	5.0	1350	2900	0	0	0.0	5.0	0.1
data3-6-15-00075.txt	6	3	15	5	0.1	5	5.0	1350	2908	0	0	0.0	5.0	0.1
data3-6-15-00076.txt	6	3	15	6	0.1	6	6.0	1350	2933	0	0	0.0	5.5	0.1
data3-6-15-00077.txt	6	3	15	6	0.1	6	6.0	1350	2926	0	0	0.0	6.0	0.1
data3-6-15-00078.txt	6	3	15	1	0.1	1	1.0	1350	2850	0	0	0.0	1.0	0.1
data3-6-15-00079.txt	6	3	15	6	0.1	6	6.0	1350	2948	0	0	0.0	6.0	0.1
data3-6-15-00080.txt	6	3	15	5	0.1	5	5.0	1350	2919	0	0	0.0	5.0	0.1
data3-6-15-00081.txt	6	3	15	7	0.1	7	7.0	1350	2977	0	0	0.0	7.0	0.1
data3-6-15-00082.txt	6	3	15	4	0.1	4	4.0	1350	2908	0	0	0.0	4.0	0.1
data3-6-15-00083.txt	6	3	15	4	0.1	4	4.0	1350	2922	0	0	0.0	4.0	0.1
data3-6-15-00084.txt	6	3	15	4	0.1	4	4.0	1350	2942	0	0	0.0	4.0	0.1
data3-6-15-00085.txt	6	3	15	7	0.1	7	7.0	1350	2978	0	0	0.0	7.0	0.1
data3-6-15-00086.txt	6	3	15	4	0.1	4	4.0	1350	2865	0	0	0.0	4.0	0.0
data3-6-15-00087.txt	6	3	15	9	0.1	9	9.0	1350	2997	0	0	0.0	9.0	0.1
data3-6-15-00088.txt	6	3	15	5	0.1	5	5.0	1350	2962	0	0	0.0	5.0	0.1
data3-6-15-00089.txt	6	3	15	6	0.1	6	6.0	1350	2916	0	0	0.0	6.0	0.1
data3-6-15-00090.txt	6	3	15	7	0.1	7	7.0	1350	2996	0	0	0.0	7.0	0.1
data3-6-15-00091.txt	6	3	15	4	0.1	4	4.0	1350	2955	0	0	0.0	4.0	0.1
data3-6-15-00092.txt	6	3	15	6	0.1	6	6.0	1350	2944	0	0	0.0	6.0	0.1
data3-6-15-00093.txt	6	3	15	7	0.1	7	7.0	1350	2933	0	0	0.0	7.0	0.1
data3-6-15-00094.txt	6	3	15	5	0.1	5	5.0	1350	2926	0	0	0.0	5.0	0.1
data3-6-15-00095.txt	6	3	15	6	0.1	6	6.0	1350	2977	0	0	0.0	6.0	0.1
data3-6-15-00096.txt	6	3	15	7	0.1	7	7.0	1350	2963	0	0	0.0	7.0	0.1
data3-6-15-00097.txt	6	3	15	4	0.1	4	4.0	1350	2894	0	0	0.0	4.0	0.1
data3-6-15-00098.txt	6	3	15	6	0.1	6	6.0	1350	2948	0	0	0.0	6.0	0.1
data3-6-15-00099.txt	6	3	15	6	0.1	6	6.0	1350	2968	0	0	0.0	6.0	0.1
data3-6-15-00100.txt	6	3	15	7	0.1	7	7.0	1350	2931	0	0	0.0	7.0	0.1
data3-6-16-00101.txt	6	3	16	9	0.1	9	9.0	1536	3344	0	0	0.0	9.0	0.1
data3-6-16-00102.txt	6	3	16	7	0.1	7	7.0	1536	3343	0	0	0.0	7.0	0.1
data3-6-16-00103.txt	6	3	16	8	0.1	8	8.0	1536	3394	0	0	0.0	8.0	0.1
data3-6-16-00104.txt	6	3	16	8	0.1	8	8.0	1536	3391	0	0	0.0	8.0	0.1
data3-6-16-00105.txt	6	3	16	7	0.1	7	7.0	1536	3410	0	1	0.0	6.0	0.1
data3-6-16-00106.txt	6	3	16	7	0.1	7	7.0	1536	3350	0	0	0.0	7.0	0.1
data3-6-16-00107.txt	6	3	16	7	0.1	7	7.0	1536	3329	0	0	0.0	7.0	0.1
data3-6-16-00108.txt	6	3	16	9	0.1	9	9.0	1536	3381	0	0	0.0	9.0	0.1
data3-6-16-00109.txt	6	3	16	8	0.1	8	8.0	1536	3374	0	0	0.0	8.0	0.1
data3-6-16-00110.txt	6	3	16	5	0.1	5	5.0	1536	3379	0	0	0.0	5.0	0.1
data3-6-16-00111.txt	6	3	16	9	0.1	9	9.0	1536	3400	0	0	0.0	8.0	0.1
data3-6-16-00112.txt	6	3	16	10	0.1	10	10.0	1536	3402	0	0	0.0	10.0	0.1
data3-6-16-00113.txt	6	3	16	9	0.1	9	9.0	1536	3368	0	0	0.0	9.0	0.1
data3-6-16-00114.txt	6	3	16	9	0.1	9	9.0	1536	3383	0	0	0.0	9.0	0.1
data3-6-16-00115.txt	6	3	16	6	0.1	6	6.0	1536	3441	0	0	0.0	6.0	0.1
data3-6-16-00116.txt	6	3	16	8	0.1	8	8.0	1536	3354	0	0	0.0	7.5	0.1
data3-6-16-00117.txt	6	3	16	4	0.1	4	4.0	1536	3295	0	0	0.0	4.0	0.1
data3-6-16-00118.txt	6	3	16	6	0.1	6	6.0	1536	3333	0	0	0.0	6.0	0.1
data3-6-16-00119.txt	6	3	16	7	0.1	7	7.0	1536	3337	0	0	0.0	7.0	0.1
data3-6-16-00120.txt	6	3	16	8	0.1	8	8.0	1536	3425	0	1	0.0	7.0	0.1
data3-6-16-00121.txt	6	3	16	5	0.1	5	5.0	1536	3378	0	0	0.0	5.0	0.1
data3-6-16-00122.txt	6	3	16	7	0.1	7	7.0	1536	3359	0	0	0.0	7.0	0.1
data3-6-16-00123.txt	6	3	16	6	0.1	6	6.0	1536	3383	0	0	0.0	6.0	0.1
data3-6-16-00124.txt	6	3	16	9	0.1	9	9.0	1536	3329	0	0	0.0	9.0	0.1
data3-6-16-00125.txt	6	3	16	6	0.1	6	6.0	1536	3401	0	0	0.0	6.0	0.1
data3-6-16-00126.txt	6	3	16	5	0.1	5	5.0	1536	3315	0	0	0.0	5.0	0.1
data3-6-16-00127.txt	6	3	16	7	0.1	7	7.0	1536	3397	0	0	0.0	7.0	0.1
data3-6-16-00128.txt	6	3	16	5	0.1	5	5.0	1536	3324	0	0	0.0	5.0	0.1
data3-6-16-00129.txt	6	3	16	6	0.1	6	6.0	1536	3343	0	0	0.0	6.0	0.1
data3-6-16-00130.txt	6	3	16	9	0.1	9	9.0	1536	3400	0	0	0.0	9.0	0.1
data3-6-16-00131.txt	6	3	16	3	0.1	3	3.0	1536	3311	0	0	0.0	3.0	0.1
data3-6-16-00132.txt	6	3	16	2	0.1	2	2.0	1536	3304	0	0	0.0	2.0	0.1
data3-6-16-00133.txt	6	3	16	8	0.1	8	8.0	1536	3368	0	0	0.0	8.0	0.1
data3-6-16-00134.txt	6	3	16	8	0.1	8	8.0	1536	3392	0	0	0.0	8.0	0.1
data3-6-16-00135.txt	6	3	16	4	0.1	4	4.0	1536	3332	0	0	0.0	4.0	0.1
data3-6-16-00136.txt	6	3	16	5	0.1	5	5.0	1536	3294	0	0	0.0	5.0	0.1
data3-6-16-00137.txt	6	3	16	8	0.1	8	8.0	1536	3384	0	0	0.0	8.0	0.1
data3-6-16-00138.txt	6	3	16	4	0.1	4	4.0	1536	3299	0	0	0.0	4.0	0.1
data3-6-16-00139.txt	6	3	16	10	0.1	10	10.0	1536	3405	0	0	0.0	10.0	0.1
data3-6-16-00140.txt	6	3	16	5	0.1	5	5.0	1536	3307	0	0	0.0	5.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-6-16-00141.txt	6	3	16	4	0.1	4	4.0	1536	3293	0	0	0.0	4.0	0.1
data3-6-16-00142.txt	6	3	16	8	0.1	8	8.0	1536	3368	0	0	0.0	7.0	0.1
data3-6-16-00143.txt	6	3	16	7	0.1	7	7.0	1536	3365	0	0	0.0	7.0	0.1
data3-6-16-00144.txt	6	3	16	6	0.1	6	6.0	1536	3328	0	0	0.0	6.0	0.1
data3-6-16-00145.txt	6	3	16	7	0.1	7	7.0	1536	3319	0	0	0.0	7.0	0.1
data3-6-16-00146.txt	6	3	16	9	0.1	9	9.0	1536	3345	0	0	0.0	9.0	0.1
data3-6-16-00147.txt	6	3	16	9	0.1	9	9.0	1536	3373	0	0	0.0	9.0	0.1
data3-6-16-00148.txt	6	3	16	6	0.1	6	6.0	1536	3344	0	0	0.0	6.0	0.1
data3-6-16-00149.txt	6	3	16	5	0.1	5	5.0	1536	3367	0	0	0.0	5.0	0.1
data3-6-16-00150.txt	6	3	16	6	0.1	6	6.0	1536	3334	0	0	0.0	6.0	0.1
data3-6-16-00151.txt	6	3	16	6	0.1	6	6.0	1536	3334	0	0	0.0	6.0	0.1
data3-6-16-00152.txt	6	3	16	10	0.1	10	10.0	1536	3406	0	1	0.0	9.0	0.1
data3-6-16-00153.txt	6	3	16	8	0.1	8	8.0	1536	3374	0	0	0.0	8.0	0.1
data3-6-16-00154.txt	6	3	16	7	0.1	7	7.0	1536	3369	0	0	0.0	7.0	0.1
data3-6-16-00155.txt	6	3	16	3	0.1	3	3.0	1536	3334	0	0	0.0	3.0	0.1
data3-6-16-00156.txt	6	3	16	10	0.1	10	10.0	1536	3411	0	0	0.0	10.0	0.1
data3-6-16-00157.txt	6	3	16	9	0.1	9	9.0	1536	3360	0	0	0.0	9.0	0.1
data3-6-16-00158.txt	6	3	16	5	0.1	5	5.0	1536	3277	0	0	0.0	5.0	0.1
data3-6-16-00159.txt	6	3	16	9	0.1	9	9.0	1536	3383	0	0	0.0	9.0	0.1
data3-6-16-00160.txt	6	3	16	4	0.1	4	4.0	1536	3321	0	0	0.0	4.0	0.1
data3-6-16-00161.txt	6	3	16	10	0.1	10	10.0	1536	3438	0	0	0.0	9.5	0.1
data3-6-16-00162.txt	6	3	16	7	0.1	7	7.0	1536	3371	0	0	0.0	7.0	0.1
data3-6-16-00163.txt	6	3	16	7	0.1	7	7.0	1536	3392	0	0	0.0	7.0	0.1
data3-6-16-00164.txt	6	3	16	6	0.1	6	6.0	1536	3358	0	0	0.0	6.0	0.1
data3-6-16-00165.txt	6	3	16	4	0.1	4	4.0	1536	3342	0	0	0.0	4.0	0.1
data3-6-16-00166.txt	6	3	16	7	0.1	7	7.0	1536	3329	0	0	0.0	7.0	0.1
data3-6-16-00167.txt	6	3	16	9	0.1	9	9.0	1536	3363	0	0	0.0	9.0	0.1
data3-6-16-00168.txt	6	3	16	8	0.1	8	8.0	1536	3400	0	0	0.0	7.5	0.1
data3-6-16-00169.txt	6	3	16	4	0.1	4	4.0	1536	3302	0	0	0.0	4.0	0.1
data3-6-16-00170.txt	6	3	16	6	0.1	6	6.0	1536	3340	0	0	0.0	6.0	0.1
data3-6-16-00171.txt	6	3	16	5	0.1	5	5.0	1536	3289	0	0	0.0	5.0	0.1
data3-6-16-00172.txt	6	3	16	9	0.1	9	9.0	1536	3395	0	0	0.0	9.0	0.1
data3-6-16-00173.txt	6	3	16	9	0.1	9	9.0	1536	3439	0	4	0.0	8.0	0.1
data3-6-16-00174.txt	6	3	16	11	0.1	11	11.0	1536	3386	0	0	0.0	11.0	0.1
data3-6-16-00175.txt	6	3	16	8	0.1	8	8.0	1536	3381	0	0	0.0	8.0	0.1
data3-6-16-00176.txt	6	3	16	5	0.1	5	5.0	1536	3275	0	0	0.0	5.0	0.1
data3-6-16-00177.txt	6	3	16	9	0.1	9	9.0	1536	3373	0	1	0.0	8.0	0.1
data3-6-16-00178.txt	6	3	16	7	0.1	7	7.0	1536	3347	0	0	0.0	7.0	0.1
data3-6-16-00179.txt	6	3	16	5	0.1	5	5.0	1536	3347	0	0	0.0	5.0	0.1
data3-6-16-00180.txt	6	3	16	11	0.1	11	11.0	1536	3391	0	0	0.0	11.0	0.1
data3-6-16-00181.txt	6	3	16	12	0.1	12	12.0	1536	3397	0	0	0.0	11.5	0.1
data3-6-16-00182.txt	6	3	16	9	0.1	9	9.0	1536	3419	0	0	0.0	9.0	0.1
data3-6-16-00183.txt	6	3	16	4	0.1	4	4.0	1536	3337	0	0	0.0	4.0	0.1
data3-6-16-00184.txt	6	3	16	8	0.1	8	8.0	1536	3350	0	0	0.0	8.0	0.1
data3-6-16-00185.txt	6	3	16	8	0.1	8	8.0	1536	3398	0	0	0.0	8.0	0.1
data3-6-16-00186.txt	6	3	16	3	0.1	3	3.0	1536	3331	0	0	0.0	3.0	0.1
data3-6-16-00187.txt	6	3	16	7	0.1	7	7.0	1536	3361	0	0	0.0	7.0	0.1
data3-6-16-00188.txt	6	3	16	10	0.1	10	10.0	1536	3383	0	0	0.0	10.0	0.1
data3-6-16-00189.txt	6	3	16	8	0.1	8	8.0	1536	3327	0	0	0.0	8.0	0.1
data3-6-16-00190.txt	6	3	16	9	0.1	9	9.0	1536	3365	0	0	0.0	9.0	0.1
data3-6-16-00191.txt	6	3	16	8	0.1	8	8.0	1536	3323	0	0	0.0	8.0	0.1
data3-6-16-00192.txt	6	3	16	6	0.1	6	6.0	1536	3341	0	0	0.0	6.0	0.1
data3-6-16-00193.txt	6	3	16	7	0.1	7	7.0	1536	3358	0	0	0.0	7.0	0.1
data3-6-16-00194.txt	6	3	16	3	0.1	3	3.0	1536	3272	0	0	0.0	3.0	0.1
data3-6-16-00195.txt	6	3	16	9	0.1	9	9.0	1536	3387	0	0	0.0	8.5	0.1
data3-6-16-00196.txt	6	3	16	8	0.1	8	8.0	1536	3378	0	0	0.0	8.0	0.1
data3-6-16-00197.txt	6	3	16	6	0.1	6	6.0	1536	3380	0	0	0.0	6.0	0.1
data3-6-16-00198.txt	6	3	16	8	0.1	8	8.0	1536	3384	0	0	0.0	8.0	0.1
data3-6-16-00199.txt	6	3	16	10	0.1	10	10.0	1536	3344	0	0	0.0	10.0	0.1
data3-6-16-00200.txt	6	3	16	11	0.1	11	11.0	1536	3418	0	0	0.0	11.0	0.1
data3-6-17-00201.txt	6	3	17	7	0.1	7	7.0	1734	3773	0	0	0.0	7.0	0.1
data3-6-17-00202.txt	6	3	17	8	0.1	8	8.0	1734	3808	0	0	0.0	8.0	0.1
data3-6-17-00203.txt	6	3	17	7	0.1	7	7.0	1734	3829	0	0	0.0	7.0	0.1
data3-6-17-00204.txt	6	3	17	7	0.1	7	7.0	1734	3772	0	0	0.0	7.0	0.1
data3-6-17-00205.txt	6	3	17	8	0.1	8	8.0	1734	3738	0	0	0.0	8.0	0.1
data3-6-17-00206.txt	6	3	17	7	0.1	7	7.0	1734	3839	0	0	0.0	7.0	0.1
data3-6-17-00207.txt	6	3	17	7	0.1	7	7.0	1734	3823	0	0	0.0	7.0	0.1
data3-6-17-00208.txt	6	3	17	10	0.1	10	10.0	1734	3851	0	0	0.0	10.0	0.1
data3-6-17-00209.txt	6	3	17	6	0.1	6	6.0	1734	3765	0	0	0.0	6.0	0.1
data3-6-17-00210.txt	6	3	17	7	0.1	7	7.0	1734	3794	0	0	0.0	7.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-6-17-00211.txt	6	3	17	5	0.1	5	5.0	1734	3790	0	0	0.0	5.0	0.1
data3-6-17-00212.txt	6	3	17	6	0.1	6	6.0	1734	3791	0	0	0.0	6.0	0.1
data3-6-17-00213.txt	6	3	17	9	0.1	9	9.0	1734	3791	0	0	0.0	9.0	0.1
data3-6-17-00214.txt	6	3	17	7	0.1	7	7.0	1734	3778	0	0	0.0	7.0	0.1
data3-6-17-00215.txt	6	3	17	4	0.1	4	4.0	1734	3761	0	0	0.0	4.0	0.1
data3-6-17-00216.txt	6	3	17	8	0.1	8	8.0	1734	3722	0	0	0.0	8.0	0.1
data3-6-17-00217.txt	6	3	17	3	0.1	3	3.0	1734	3721	0	0	0.0	3.0	0.1
data3-6-17-00218.txt	6	3	17	9	0.1	9	9.0	1734	3828	0	0	0.0	9.0	0.1
data3-6-17-00219.txt	6	3	17	4	0.1	4	4.0	1734	3732	0	0	0.0	4.0	0.1
data3-6-17-00220.txt	6	3	17	4	0.1	4	4.0	1734	3717	0	0	0.0	4.0	0.1
data3-6-17-00221.txt	6	3	17	6	0.1	6	6.0	1734	3799	0	0	0.0	6.0	0.1
data3-6-17-00222.txt	6	3	17	5	0.1	5	5.0	1734	3765	0	0	0.0	5.0	0.1
data3-6-17-00223.txt	6	3	17	10	0.1	10	10.0	1734	3831	0	0	0.0	10.0	0.1
data3-6-17-00224.txt	6	3	17	7	0.1	7	7.0	1734	3781	0	0	0.0	7.0	0.1
data3-6-17-00225.txt	6	3	17	10	0.1	10	10.0	1734	3816	0	0	0.0	10.0	0.1
data3-6-17-00226.txt	6	3	17	12	0.1	12	12.0	1734	3830	0	0	0.0	12.0	0.1
data3-6-17-00227.txt	6	3	17	7	0.1	7	7.0	1734	3822	0	0	0.0	6.0	0.1
data3-6-17-00228.txt	6	3	17	5	0.1	5	5.0	1734	3749	0	0	0.0	5.0	0.1
data3-6-17-00229.txt	6	3	17	7	0.1	7	7.0	1734	3785	0	0	0.0	7.0	0.1
data3-6-17-00230.txt	6	3	17	4	0.1	4	4.0	1734	3728	0	0	0.0	4.0	0.1
data3-6-17-00231.txt	6	3	17	7	0.1	7	7.0	1734	3773	0	0	0.0	7.0	0.1
data3-6-17-00232.txt	6	3	17	5	0.1	5	5.0	1734	3764	0	0	0.0	5.0	0.1
data3-6-17-00233.txt	6	3	17	6	0.1	6	6.0	1734	3790	0	0	0.0	6.0	0.1
data3-6-17-00234.txt	6	3	17	6	0.1	6	6.0	1734	3794	0	0	0.0	6.0	0.1
data3-6-17-00235.txt	6	3	17	14	0.1	14	14.0	1734	3821	0	2	0.0	13.0	0.1
data3-6-17-00236.txt	6	3	17	10	0.1	10	10.0	1734	3792	0	0	0.0	10.0	0.1
data3-6-17-00237.txt	6	3	17	7	0.1	7	7.0	1734	3739	0	0	0.0	7.0	0.1
data3-6-17-00238.txt	6	3	17	4	0.1	4	4.0	1734	3746	0	0	0.0	4.0	0.1
data3-6-17-00239.txt	6	3	17	5	0.1	5	5.0	1734	3786	0	1	0.0	4.0	0.1
data3-6-17-00240.txt	6	3	17	5	0.1	5	5.0	1734	3745	0	0	0.0	5.0	0.1
data3-6-17-00241.txt	6	3	17	4	0.1	4	4.0	1734	3751	0	0	0.0	4.0	0.1
data3-6-17-00242.txt	6	3	17	6	0.1	6	6.0	1734	3792	0	0	0.0	6.0	0.1
data3-6-17-00243.txt	6	3	17	5	0.1	5	5.0	1734	3755	0	0	0.0	5.0	0.1
data3-6-17-00244.txt	6	3	17	9	0.1	9	9.0	1734	3781	0	0	0.0	9.0	0.1
data3-6-17-00245.txt	6	3	17	4	0.1	4	4.0	1734	3754	0	0	0.0	4.0	0.1
data3-6-17-00246.txt	6	3	17	3	0.1	3	3.0	1734	3677	0	0	0.0	3.0	0.1
data3-6-17-00247.txt	6	3	17	4	0.1	4	4.0	1734	3696	0	0	0.0	4.0	0.1
data3-6-17-00248.txt	6	3	17	6	0.1	6	6.0	1734	3788	0	0	0.0	6.0	0.1
data3-6-17-00249.txt	6	3	17	7	0.1	7	7.0	1734	3846	0	0	0.0	7.0	0.1
data3-6-17-00250.txt	6	3	17	8	0.1	8	8.0	1734	3787	0	0	0.0	8.0	0.1
data3-6-17-00251.txt	6	3	17	11	0.1	11	11.0	1734	3862	0	0	0.0	11.0	0.1
data3-6-17-00252.txt	6	3	17	7	0.1	7	7.0	1734	3730	0	0	0.0	7.0	0.1
data3-6-17-00253.txt	6	3	17	6	0.1	6	6.0	1734	3791	0	0	0.0	6.0	0.1
data3-6-17-00254.txt	6	3	17	7	0.1	7	7.0	1734	3736	0	0	0.0	7.0	0.1
data3-6-17-00255.txt	6	3	17	5	0.1	5	5.0	1734	3760	0	0	0.0	5.0	0.1
data3-6-17-00256.txt	6	3	17	6	0.1	6	6.0	1734	3754	0	1	0.0	5.0	0.1
data3-6-17-00257.txt	6	3	17	8	0.1	8	8.0	1734	3781	0	0	0.0	8.0	0.1
data3-6-17-00258.txt	6	3	17	10	0.1	10	10.0	1734	3777	0	0	0.0	10.0	0.1
data3-6-17-00259.txt	6	3	17	7	0.1	7	7.0	1734	3722	0	0	0.0	7.0	0.1
data3-6-17-00260.txt	6	3	17	6	0.1	6	6.0	1734	3759	0	0	0.0	6.0	0.1
data3-6-17-00261.txt	6	3	17	6	0.1	6	6.0	1734	3736	0	0	0.0	6.0	0.1
data3-6-17-00262.txt	6	3	17	7	0.1	7	7.0	1734	3789	0	1	0.0	6.0	0.1
data3-6-17-00263.txt	6	3	17	9	0.1	9	9.0	1734	3850	0	0	0.0	9.0	0.1
data3-6-17-00264.txt	6	3	17	8	0.1	8	8.0	1734	3797	0	0	0.0	8.0	0.1
data3-6-17-00265.txt	6	3	17	11	0.1	11	11.0	1734	3774	0	1	0.0	10.0	0.1
data3-6-17-00266.txt	6	3	17	9	0.1	9	9.0	1734	3806	0	0	0.0	9.0	0.1
data3-6-17-00267.txt	6	3	17	11	0.1	11	11.0	1734	3846	0	0	0.0	11.0	0.1
data3-6-17-00268.txt	6	3	17	9	0.1	9	9.0	1734	3806	0	0	0.0	9.0	0.1
data3-6-17-00269.txt	6	3	17	7	0.1	7	7.0	1734	3785	0	0	0.0	7.0	0.1
data3-6-17-00270.txt	6	3	17	8	0.1	8	8.0	1734	3861	0	0	0.0	8.0	0.1
data3-6-17-00271.txt	6	3	17	9	0.1	9	9.0	1734	3758	0	0	0.0	9.0	0.1
data3-6-17-00272.txt	6	3	17	5	0.1	5	5.0	1734	3775	0	0	0.0	5.0	0.1
data3-6-17-00273.txt	6	3	17	8	0.1	8	8.0	1734	3814	0	0	0.0	8.0	0.1
data3-6-17-00274.txt	6	3	17	10	0.1	10	10.0	1734	3826	0	0	0.0	10.0	0.1
data3-6-17-00275.txt	6	3	17	12	0.1	12	12.0	1734	3819	0	0	0.0	12.0	0.1
data3-6-17-00276.txt	6	3	17	7	0.1	7	7.0	1734	3831	0	0	0.0	7.0	0.1
data3-6-17-00277.txt	6	3	17	8	0.1	8	8.0	1734	3789	0	0	0.0	8.0	0.1
data3-6-17-00278.txt	6	3	17	7	0.1	7	7.0	1734	3751	0	0	0.0	7.0	0.1
data3-6-17-00279.txt	6	3	17	5	0.1	5	5.0	1734	3786	0	0	0.0	5.0	0.1
data3-6-17-00280.txt	6	3	17	8	0.1	8	8.0	1734	3755	0	0	0.0	8.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-6-17-00281.txt	6	3	17	3	0.1	3	3.0	1734	3727	0	0	0.0	3.0	0.1
data3-6-17-00282.txt	6	3	17	8	0.1	8	8.0	1734	3812	0	0	0.0	8.0	0.1
data3-6-17-00283.txt	6	3	17	8	0.1	8	8.0	1734	3809	0	0	0.0	8.0	0.1
data3-6-17-00284.txt	6	3	17	9	0.1	9	9.0	1734	3750	0	0	0.0	9.0	0.1
data3-6-17-00285.txt	6	3	17	10	0.1	10	10.0	1734	3838	0	0	0.0	10.0	0.1
data3-6-17-00286.txt	6	3	17	8	0.1	8	8.0	1734	3805	0	0	0.0	8.0	0.1
data3-6-17-00287.txt	6	3	17	8	0.1	8	8.0	1734	3777	0	0	0.0	8.0	0.1
data3-6-17-00288.txt	6	3	17	6	0.1	6	6.0	1734	3739	0	0	0.0	6.0	0.1
data3-6-17-00289.txt	6	3	17	11	0.1	11	11.0	1734	3878	0	0	0.0	11.0	0.1
data3-6-17-00290.txt	6	3	17	6	0.1	6	6.0	1734	3744	0	0	0.0	6.0	0.1
data3-6-17-00291.txt	6	3	17	6	0.1	6	6.0	1734	3774	0	0	0.0	6.0	0.1
data3-6-17-00292.txt	6	3	17	8	0.1	8	8.0	1734	3762	0	0	0.0	8.0	0.1
data3-6-17-00293.txt	6	3	17	8	0.1	8	8.0	1734	3846	0	0	0.0	8.0	0.1
data3-6-17-00294.txt	6	3	17	5	0.1	5	5.0	1734	3719	0	0	0.0	5.0	0.1
data3-6-17-00295.txt	6	3	17	9	0.1	9	9.0	1734	3791	0	0	0.0	8.5	0.1
data3-6-17-00296.txt	6	3	17	8	0.1	8	8.0	1734	3762	0	0	0.0	8.0	0.1
data3-6-17-00297.txt	6	3	17	8	0.1	8	8.0	1734	3801	0	0	0.0	8.0	0.1
data3-6-17-00298.txt	6	3	17	5	0.1	5	5.0	1734	3776	0	0	0.0	5.0	0.1
data3-6-17-00299.txt	6	3	17	8	0.1	8	8.0	1734	3805	0	0	0.0	8.0	0.1
data3-6-17-00300.txt	6	3	17	10	0.1	10	10.0	1734	3787	0	0	0.0	10.0	0.1
data3-7-18-02501.txt	7	3	18	7	0.1	7	7.0	2268	4896	0	0	0.0	7.0	0.1
data3-7-18-02502.txt	7	3	18	6	0.1	6	6.0	2268	4863	0	0	0.0	6.0	0.1
data3-7-18-02503.txt	7	3	18	7	0.1	7	7.0	2268	5023	0	0	0.0	7.0	0.1
data3-7-18-02504.txt	7	3	18	7	0.1	7	7.0	2268	4972	0	0	0.0	7.0	0.1
data3-7-18-02505.txt	7	3	18	7	0.1	7	7.0	2268	4915	0	0	0.0	7.0	0.1
data3-7-18-02506.txt	7	3	18	6	0.1	6	6.0	2268	4904	0	0	0.0	6.0	0.1
data3-7-18-02507.txt	7	3	18	10	0.2	10	10.0	2268	4983	0	0	0.0	10.0	0.1
data3-7-18-02508.txt	7	3	18	6	0.1	6	6.0	2268	4927	0	0	0.0	6.0	0.1
data3-7-18-02509.txt	7	3	18	7	0.1	7	7.0	2268	4939	0	0	0.0	7.0	0.1
data3-7-18-02510.txt	7	3	18	6	0.1	6	6.0	2268	4944	0	0	0.0	6.0	0.1
data3-7-18-02511.txt	7	3	18	7	0.1	7	7.0	2268	4969	0	0	0.0	7.0	0.1
data3-7-18-02512.txt	7	3	18	8	0.1	8	8.0	2268	4878	0	0	0.0	8.0	0.1
data3-7-18-02513.txt	7	3	18	6	0.1	6	6.0	2268	4883	0	0	0.0	6.0	0.1
data3-7-18-02514.txt	7	3	18	4	0.1	4	4.0	2268	4813	0	0	0.0	4.0	0.1
data3-7-18-02515.txt	7	3	18	8	0.1	8	8.0	2268	4973	0	0	0.0	8.0	0.1
data3-7-18-02516.txt	7	3	18	6	0.1	6	6.0	2268	4860	0	0	0.0	6.0	0.1
data3-7-18-02517.txt	7	3	18	7	0.1	7	7.0	2268	4909	0	0	0.0	7.0	0.1
data3-7-18-02518.txt	7	3	18	9	0.1	9	9.0	2268	4962	0	0	0.0	9.0	0.1
data3-7-18-02519.txt	7	3	18	8	0.1	8	8.0	2268	4952	0	0	0.0	8.0	0.1
data3-7-18-02520.txt	7	3	18	7	0.1	7	7.0	2268	4936	0	0	0.0	7.0	0.1
data3-7-18-02521.txt	7	3	18	7	0.1	7	7.0	2268	4927	0	0	0.0	7.0	0.1
data3-7-18-02522.txt	7	3	18	4	0.1	4	4.0	2268	4883	0	0	0.0	4.0	0.1
data3-7-18-02523.txt	7	3	18	5	0.1	5	5.0	2268	4913	0	0	0.0	5.0	0.1
data3-7-18-02524.txt	7	3	18	10	0.2	10	10.0	2268	4969	0	0	0.0	10.0	0.1
data3-7-18-02525.txt	7	3	18	9	0.1	9	9.0	2268	4854	0	0	0.0	9.0	0.1
data3-7-18-02526.txt	7	3	18	6	0.1	6	6.0	2268	4948	0	0	0.0	6.0	0.1
data3-7-18-02527.txt	7	3	18	5	0.1	5	5.0	2268	4973	0	0	0.0	5.0	0.1
data3-7-18-02528.txt	7	3	18	6	0.1	6	6.0	2268	4935	0	0	0.0	6.0	0.1
data3-7-18-02529.txt	7	3	18	4	0.1	4	4.0	2268	4807	0	0	0.0	4.0	0.1
data3-7-18-02530.txt	7	3	18	6	0.1	6	6.0	2268	5022	0	0	0.0	6.0	0.1
data3-7-18-02531.txt	7	3	18	9	0.2	9	9.0	2268	4996	0	0	0.0	9.0	0.1
data3-7-18-02532.txt	7	3	18	9	0.1	9	9.0	2268	4974	0	0	0.0	9.0	0.1
data3-7-18-02533.txt	7	3	18	7	0.1	7	7.0	2268	4888	0	0	0.0	7.0	0.1
data3-7-18-02534.txt	7	3	18	8	0.1	8	8.0	2268	4882	0	0	0.0	8.0	0.1
data3-7-18-02535.txt	7	3	18	5	0.1	5	5.0	2268	4948	0	0	0.0	5.0	0.1
data3-7-18-02536.txt	7	3	18	9	0.1	9	9.0	2268	4934	0	0	0.0	9.0	0.1
data3-7-18-02537.txt	7	3	18	6	0.1	6	6.0	2268	4882	0	0	0.0	6.0	0.1
data3-7-18-02538.txt	7	3	18	6	0.2	6	6.0	2268	4910	0	0	0.0	6.0	0.1
data3-7-18-02539.txt	7	3	18	5	0.1	5	5.0	2268	4863	0	0	0.0	5.0	0.1
data3-7-18-02540.txt	7	3	18	4	0.1	4	4.0	2268	4902	0	0	0.0	4.0	0.1
data3-7-18-02541.txt	7	3	18	8	0.1	8	8.0	2268	4969	0	0	0.0	7.5	0.1
data3-7-18-02542.txt	7	3	18	6	0.1	6	6.0	2268	4948	0	0	0.0	6.0	0.1
data3-7-18-02543.txt	7	3	18	8	0.1	8	8.0	2268	4960	0	0	0.0	8.0	0.1
data3-7-18-02544.txt	7	3	18	8	0.2	8	8.0	2268	4957	0	0	0.0	8.0	0.1
data3-7-18-02545.txt	7	3	18	10	0.1	10	10.0	2268	4976	0	0	0.0	10.0	0.1
data3-7-18-02546.txt	7	3	18	8	0.2	8	8.0	2268	4970	0	0	0.0	8.0	0.1
data3-7-18-02547.txt	7	3	18	7	0.1	7	7.0	2268	4923	0	0	0.0	7.0	0.1
data3-7-18-02548.txt	7	3	18	12	0.2	12	12.0	2268	5029	0	0	0.0	12.0	0.1
data3-7-18-02549.txt	7	3	18	4	0.1	4	4.0	2268	4929	0	0	0.0	4.0	0.1
data3-7-18-02550.txt	7	3	18	7	0.2	7	7.0	2268	4971	0	0	0.0	7.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-7-18-02551.txt	7	3	18	5	0.1	5	5.0	2268	4900	0	0	0.0	5.0	0.1
data3-7-18-02552.txt	7	3	18	9	0.2	9	9.0	2268	5007	0	0	0.0	9.0	0.1
data3-7-18-02553.txt	7	3	18	7	0.1	7	7.0	2268	4961	0	0	0.0	7.0	0.1
data3-7-18-02554.txt	7	3	18	11	0.2	11	11.0	2268	5030	0	0	0.0	11.0	0.1
data3-7-18-02555.txt	7	3	18	7	0.1	7	7.0	2268	4883	0	0	0.0	7.0	0.1
data3-7-18-02556.txt	7	3	18	10	0.1	10	10.0	2268	4991	0	0	0.0	10.0	0.1
data3-7-18-02557.txt	7	3	18	9	0.1	9	9.0	2268	4939	0	0	0.0	9.0	0.1
data3-7-18-02558.txt	7	3	18	7	0.2	7	7.0	2268	4968	0	0	0.0	7.0	0.1
data3-7-18-02559.txt	7	3	18	7	0.1	7	7.0	2268	4935	0	0	0.0	7.0	0.1
data3-7-18-02560.txt	7	3	18	5	0.1	5	5.0	2268	4910	0	0	0.0	5.0	0.1
data3-7-18-02561.txt	7	3	18	9	0.1	9	9.0	2268	4988	0	0	0.0	9.0	0.1
data3-7-18-02562.txt	7	3	18	8	0.1	8	8.0	2268	5008	0	0	0.0	8.0	0.1
data3-7-18-02563.txt	7	3	18	8	0.2	8	8.0	2268	5022	0	0	0.0	8.0	0.1
data3-7-18-02564.txt	7	3	18	6	0.1	6	6.0	2268	4907	0	0	0.0	6.0	0.1
data3-7-18-02565.txt	7	3	18	6	0.1	6	6.0	2268	4927	0	0	0.0	6.0	0.1
data3-7-18-02566.txt	7	3	18	7	0.1	7	7.0	2268	4903	0	0	0.0	7.0	0.1
data3-7-18-02567.txt	7	3	18	5	0.1	5	5.0	2268	4881	0	0	0.0	5.0	0.1
data3-7-18-02568.txt	7	3	18	3	0.1	3	3.0	2268	4852	0	0	0.0	3.0	0.1
data3-7-18-02569.txt	7	3	18	8	0.1	8	8.0	2268	4937	0	0	0.0	7.5	0.1
data3-7-18-02570.txt	7	3	18	5	0.1	5	5.0	2268	4876	0	0	0.0	5.0	0.1
data3-7-18-02571.txt	7	3	18	8	0.1	8	8.0	2268	4930	0	0	0.0	8.0	0.1
data3-7-18-02572.txt	7	3	18	7	0.1	7	7.0	2268	4880	0	0	0.0	7.0	0.1
data3-7-18-02573.txt	7	3	18	11	0.2	11	11.0	2268	4993	0	0	0.0	11.0	0.1
data3-7-18-02574.txt	7	3	18	6	0.1	6	6.0	2268	4847	0	0	0.0	6.0	0.1
data3-7-18-02575.txt	7	3	18	6	0.1	6	6.0	2268	4899	0	0	0.0	6.0	0.1
data3-7-18-02576.txt	7	3	18	5	0.1	5	5.0	2268	4887	0	0	0.0	5.0	0.1
data3-7-18-02577.txt	7	3	18	5	0.1	5	5.0	2268	4857	0	0	0.0	5.0	0.1
data3-7-18-02578.txt	7	3	18	7	0.1	7	7.0	2268	5047	0	0	0.0	7.0	0.1
data3-7-18-02579.txt	7	3	18	5	0.1	5	5.0	2268	4869	0	0	0.0	5.0	0.1
data3-7-18-02580.txt	7	3	18	5	0.1	5	5.0	2268	4856	0	0	0.0	5.0	0.1
data3-7-18-02581.txt	7	3	18	7	0.1	7	7.0	2268	5003	0	0	0.0	7.0	0.1
data3-7-18-02582.txt	7	3	18	8	0.1	8	8.0	2268	4923	0	0	0.0	8.0	0.1
data3-7-18-02583.txt	7	3	18	12	0.2	12	12.0	2268	5016	0	0	0.0	12.0	0.1
data3-7-18-02584.txt	7	3	18	8	0.1	8	8.0	2268	4923	0	0	0.0	7.0	0.1
data3-7-18-02585.txt	7	3	18	7	0.1	7	7.0	2268	4904	0	0	0.0	7.0	0.1
data3-7-18-02586.txt	7	3	18	3	0.1	3	3.0	2268	4758	0	0	0.0	3.0	0.1
data3-7-18-02587.txt	7	3	18	7	0.1	7	7.0	2268	4951	0	0	0.0	7.0	0.1
data3-7-18-02588.txt	7	3	18	6	0.1	6	6.0	2268	4853	0	0	0.0	6.0	0.1
data3-7-18-02589.txt	7	3	18	4	0.1	4	4.0	2268	4792	0	0	0.0	4.0	0.1
data3-7-18-02590.txt	7	3	18	5	0.1	5	5.0	2268	4878	0	0	0.0	5.0	0.1
data3-7-18-02591.txt	7	3	18	6	0.1	6	6.0	2268	4941	0	0	0.0	6.0	0.1
data3-7-18-02592.txt	7	3	18	5	0.1	5	5.0	2268	4896	0	0	0.0	5.0	0.1
data3-7-18-02593.txt	7	3	18	9	0.2	9	9.0	2268	5015	0	0	0.0	9.0	0.1
data3-7-18-02594.txt	7	3	18	5	0.1	5	5.0	2268	4825	0	0	0.0	5.0	0.1
data3-7-18-02595.txt	7	3	18	8	0.1	8	8.0	2268	4884	0	0	0.0	8.0	0.1
data3-7-18-02596.txt	7	3	18	7	0.1	7	7.0	2268	4897	0	0	0.0	7.0	0.1
data3-7-18-02597.txt	7	3	18	5	0.1	5	5.0	2268	4889	0	0	0.0	5.0	0.1
data3-7-18-02598.txt	7	3	18	11	0.2	11	11.0	2268	4984	0	0	0.0	11.0	0.1
data3-7-18-02599.txt	7	3	18	8	0.1	8	8.0	2268	4875	0	0	0.0	8.0	0.1
data3-7-18-02600.txt	7	3	18	5	0.1	5	5.0	2268	4876	0	0	0.0	5.0	0.1
data3-7-19-02601.txt	7	3	19	10	0.1	10	10.0	2527	5512	0	0	0.0	10.0	0.1
data3-7-19-02602.txt	7	3	19	5	0.1	5	5.0	2527	5479	0	0	0.0	5.0	0.1
data3-7-19-02603.txt	7	3	19	9	0.1	9	9.0	2527	5473	0	0	0.0	9.0	0.1
data3-7-19-02604.txt	7	3	19	10	0.1	10	10.0	2527	5455	0	0	0.0	10.0	0.1
data3-7-19-02605.txt	7	3	19	5	0.1	5	5.0	2527	5380	0	0	0.0	5.0	0.1
data3-7-19-02606.txt	7	3	19	9	0.2	9	9.0	2527	5520	0	0	0.0	9.0	0.1
data3-7-19-02607.txt	7	3	19	7	0.1	7	7.0	2527	5469	0	0	0.0	7.0	0.1
data3-7-19-02608.txt	7	3	19	10	0.2	10	10.0	2527	5582	0	0	0.0	9.5	0.1
data3-7-19-02609.txt	7	3	19	9	0.1	9	9.0	2527	5482	0	0	0.0	9.0	0.1
data3-7-19-02610.txt	7	3	19	8	0.1	8	8.0	2527	5430	0	0	0.0	8.0	0.1
data3-7-19-02611.txt	7	3	19	9	0.1	9	9.0	2527	5407	0	0	0.0	9.0	0.1
data3-7-19-02612.txt	7	3	19	12	0.1	12	12.0	2527	5415	0	3	0.0	11.0	0.1
data3-7-19-02613.txt	7	3	19	7	0.1	7	7.0	2527	5396	0	0	0.0	7.0	0.1
data3-7-19-02614.txt	7	3	19	6	0.1	6	6.0	2527	5476	0	0	0.0	6.0	0.1
data3-7-19-02615.txt	7	3	19	7	0.1	7	7.0	2527	5444	0	0	0.0	7.0	0.1
data3-7-19-02616.txt	7	3	19	7	0.1	7	7.0	2527	5423	0	0	0.0	7.0	0.1
data3-7-19-02617.txt	7	3	19	11	0.2	11	11.0	2527	5547	0	0	0.0	10.5	0.1
data3-7-19-02618.txt	7	3	19	9	0.1	9	9.0	2527	5447	0	0	0.0	9.0	0.1
data3-7-19-02619.txt	7	3	19	8	0.1	8	8.0	2527	5452	0	0	0.0	8.0	0.1
data3-7-19-02620.txt	7	3	19	6	0.1	6	6.0	2527	5467	0	0	0.0	6.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-7-19-02621.txt	7	3	19	7	0.1	7	7.0	2527	5566	0	0	0.0	7.0	0.1
data3-7-19-02622.txt	7	3	19	8	0.2	8	8.0	2527	5556	0	0	0.0	8.0	0.1
data3-7-19-02623.txt	7	3	19	9	0.1	9	9.0	2527	5468	0	0	0.0	8.5	0.1
data3-7-19-02624.txt	7	3	19	4	0.1	4	4.0	2527	5455	0	0	0.0	4.0	0.1
data3-7-19-02625.txt	7	3	19	7	0.1	7	7.0	2527	5373	0	0	0.0	7.0	0.1
data3-7-19-02626.txt	7	3	19	12	0.2	12	12.0	2527	5582	0	0	0.0	12.0	0.1
data3-7-19-02627.txt	7	3	19	8	0.1	8	8.0	2527	5484	0	0	0.0	8.0	0.1
data3-7-19-02628.txt	7	3	19	5	0.1	5	5.0	2527	5338	0	0	0.0	5.0	0.1
data3-7-19-02629.txt	7	3	19	6	0.1	6	6.0	2527	5461	0	0	0.0	6.0	0.1
data3-7-19-02630.txt	7	3	19	10	0.1	10	10.0	2527	5570	0	0	0.0	10.0	0.1
data3-7-19-02631.txt	7	3	19	5	0.1	5	5.0	2527	5396	0	0	0.0	5.0	0.1
data3-7-19-02632.txt	7	3	19	9	0.1	9	9.0	2527	5534	0	0	0.0	9.0	0.1
data3-7-19-02633.txt	7	3	19	7	0.1	7	7.0	2527	5466	0	0	0.0	7.0	0.1
data3-7-19-02634.txt	7	3	19	9	0.1	9	9.0	2527	5582	0	0	0.0	9.0	0.1
data3-7-19-02635.txt	7	3	19	5	0.1	5	5.0	2527	5398	0	0	0.0	5.0	0.1
data3-7-19-02636.txt	7	3	19	9	0.1	9	9.0	2527	5535	0	0	0.0	8.5	0.1
data3-7-19-02637.txt	7	3	19	12	0.2	12	12.0	2527	5522	0	0	0.0	12.0	0.1
data3-7-19-02638.txt	7	3	19	9	0.2	9	9.0	2527	5540	0	0	0.0	9.0	0.1
data3-7-19-02639.txt	7	3	19	13	0.1	13	13.0	2527	5518	0	0	0.0	13.0	0.1
data3-7-19-02640.txt	7	3	19	7	0.1	7	7.0	2527	5530	0	0	0.0	7.0	0.1
data3-7-19-02641.txt	7	3	19	5	0.1	5	5.0	2527	5422	0	0	0.0	5.0	0.1
data3-7-19-02642.txt	7	3	19	3	0.1	3	3.0	2527	5412	0	0	0.0	3.0	0.1
data3-7-19-02643.txt	7	3	19	8	0.2	8	8.0	2527	5573	0	0	0.0	8.0	0.1
data3-7-19-02644.txt	7	3	19	10	0.1	10	10.0	2527	5457	0	0	0.0	10.0	0.1
data3-7-19-02645.txt	7	3	19	8	0.1	8	8.0	2527	5474	0	0	0.0	8.0	0.1
data3-7-19-02646.txt	7	3	19	9	0.1	9	9.0	2527	5484	0	0	0.0	9.0	0.1
data3-7-19-02647.txt	7	3	19	6	0.1	6	6.0	2527	5436	0	0	0.0	6.0	0.1
data3-7-19-02648.txt	7	3	19	7	0.1	7	7.0	2527	5503	0	0	0.0	7.0	0.1
data3-7-19-02649.txt	7	3	19	7	0.1	7	7.0	2527	5453	0	0	0.0	7.0	0.1
data3-7-19-02650.txt	7	3	19	11	0.2	11	11.0	2527	5558	0	0	0.0	11.0	0.1
data3-7-19-02651.txt	7	3	19	6	0.1	6	6.0	2527	5424	0	0	0.0	6.0	0.1
data3-7-19-02652.txt	7	3	19	9	0.1	9	9.0	2527	5473	0	0	0.0	9.0	0.1
data3-7-19-02653.txt	7	3	19	6	0.1	6	6.0	2527	5418	0	0	0.0	6.0	0.1
data3-7-19-02654.txt	7	3	19	6	0.1	6	6.0	2527	5478	0	0	0.0	5.5	0.1
data3-7-19-02655.txt	7	3	19	9	0.2	9	9.0	2527	5573	0	0	0.0	9.0	0.1
data3-7-19-02656.txt	7	3	19	12	0.1	12	12.0	2527	5517	0	0	0.0	11.5	0.1
data3-7-19-02657.txt	7	3	19	7	0.1	7	7.0	2527	5469	0	0	0.0	7.0	0.1
data3-7-19-02658.txt	7	3	19	7	0.1	7	7.0	2527	5532	0	0	0.0	7.0	0.1
data3-7-19-02659.txt	7	3	19	13	0.2	13	13.0	2527	5623	0	0	0.0	13.0	0.1
data3-7-19-02660.txt	7	3	19	8	0.1	8	8.0	2527	5461	0	0	0.0	8.0	0.1
data3-7-19-02661.txt	7	3	19	10	0.1	10	10.0	2527	5579	0	0	0.0	10.0	0.1
data3-7-19-02662.txt	7	3	19	5	0.1	5	5.0	2527	5438	0	0	0.0	5.0	0.1
data3-7-19-02663.txt	7	3	19	8	0.1	8	8.0	2527	5413	0	0	0.0	8.0	0.1
data3-7-19-02664.txt	7	3	19	11	0.2	11	11.0	2527	5609	0	0	0.0	11.0	0.1
data3-7-19-02665.txt	7	3	19	8	0.1	8	8.0	2527	5492	0	0	0.0	8.0	0.1
data3-7-19-02666.txt	7	3	19	6	0.1	6	6.0	2527	5469	0	0	0.0	6.0	0.1
data3-7-19-02667.txt	7	3	19	10	0.2	10	10.0	2527	5527	0	0	0.0	10.0	0.1
data3-7-19-02668.txt	7	3	19	8	0.1	8	8.0	2527	5444	0	0	0.0	8.0	0.1
data3-7-19-02669.txt	7	3	19	8	0.1	8	8.0	2527	5488	0	0	0.0	8.0	0.1
data3-7-19-02670.txt	7	3	19	8	0.1	8	8.0	2527	5518	0	0	0.0	8.0	0.1
data3-7-19-02671.txt	7	3	19	8	0.1	8	8.0	2527	5480	0	0	0.0	8.0	0.1
data3-7-19-02672.txt	7	3	19	6	0.1	6	6.0	2527	5474	0	0	0.0	6.0	0.1
data3-7-19-02673.txt	7	3	19	8	0.1	8	8.0	2527	5471	0	0	0.0	8.0	0.1
data3-7-19-02674.txt	7	3	19	10	0.2	10	10.0	2527	5504	0	0	0.0	10.0	0.1
data3-7-19-02675.txt	7	3	19	6	0.1	6	6.0	2527	5488	0	0	0.0	6.0	0.1
data3-7-19-02676.txt	7	3	19	7	0.2	7	7.0	2527	5512	0	0	0.0	7.0	0.1
data3-7-19-02677.txt	7	3	19	5	0.1	5	5.0	2527	5373	0	0	0.0	5.0	0.1
data3-7-19-02678.txt	7	3	19	6	0.1	6	6.0	2527	5450	0	0	0.0	6.0	0.1
data3-7-19-02679.txt	7	3	19	9	0.1	9	9.0	2527	5509	0	0	0.0	9.0	0.1
data3-7-19-02680.txt	7	3	19	12	0.2	12	12.0	2527	5612	0	0	0.0	12.0	0.1
data3-7-19-02681.txt	7	3	19	10	0.1	10	10.0	2527	5469	0	1	0.0	9.0	0.1
data3-7-19-02682.txt	7	3	19	7	0.1	7	7.0	2527	5454	0	0	0.0	7.0	0.1
data3-7-19-02683.txt	7	3	19	5	0.1	5	5.0	2527	5444	0	0	0.0	5.0	0.1
data3-7-19-02684.txt	7	3	19	11	0.1	11	11.0	2527	5505	0	0	0.0	11.0	0.1
data3-7-19-02685.txt	7	3	19	9	0.1	9	9.0	2527	5484	0	0	0.0	9.0	0.1
data3-7-19-02686.txt	7	3	19	8	0.1	8	8.0	2527	5543	0	0	0.0	8.0	0.1
data3-7-19-02687.txt	7	3	19	7	0.1	7	7.0	2527	5582	0	0	0.0	7.0	0.1
data3-7-19-02688.txt	7	3	19	5	0.1	5	5.0	2527	5418	0	0	0.0	5.0	0.1
data3-7-19-02689.txt	7	3	19	7	0.1	7	7.0	2527	5422	0	0	0.0	7.0	0.1
data3-7-19-02690.txt	7	3	19	9	0.1	9	9.0	2527	5579	0	0	0.0	9.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-7-19-02691.txt	7	3	19	9	0.1	9	9.0	2527	5470	0	0	0.0	9.0	0.1
data3-7-19-02692.txt	7	3	19	7	0.1	7	7.0	2527	5424	0	0	0.0	7.0	0.1
data3-7-19-02693.txt	7	3	19	6	0.1	6	6.0	2527	5390	0	0	0.0	6.0	0.1
data3-7-19-02694.txt	7	3	19	4	0.1	4	4.0	2527	5512	0	0	0.0	4.0	0.1
data3-7-19-02695.txt	7	3	19	10	0.2	10	10.0	2527	5549	0	0	0.0	10.0	0.1
data3-7-19-02696.txt	7	3	19	8	0.1	8	8.0	2527	5482	0	0	0.0	8.0	0.1
data3-7-19-02697.txt	7	3	19	7	0.1	7	7.0	2527	5439	0	0	0.0	7.0	0.1
data3-7-19-02698.txt	7	3	19	9	0.1	9	9.0	2527	5543	0	0	0.0	9.0	0.1
data3-7-19-02699.txt	7	3	19	9	0.1	9	9.0	2527	5532	0	0	0.0	9.0	0.1
data3-7-19-02700.txt	7	3	19	11	0.2	11	11.0	2527	5659	0	0	0.0	11.0	0.1
data3-7-20-02701.txt	7	3	20	8	0.1	8	8.0	2800	6077	0	0	0.0	8.0	0.1
data3-7-20-02702.txt	7	3	20	6	0.1	6	6.0	2800	5984	0	0	0.0	6.0	0.1
data3-7-20-02703.txt	7	3	20	8	0.1	8	8.0	2800	5987	0	0	0.0	8.0	0.1
data3-7-20-02704.txt	7	3	20	10	0.1	10	10.0	2800	6051	0	0	0.0	10.0	0.1
data3-7-20-02705.txt	7	3	20	9	0.2	9	9.0	2800	6105	0	0	0.0	9.0	0.1
data3-7-20-02706.txt	7	3	20	10	0.2	10	10.0	2800	6017	0	0	0.0	10.0	0.1
data3-7-20-02707.txt	7	3	20	8	0.1	8	8.0	2800	6117	0	0	0.0	8.0	0.1
data3-7-20-02708.txt	7	3	20	9	0.1	9	9.0	2800	6157	0	0	0.0	9.0	0.1
data3-7-20-02709.txt	7	3	20	9	0.1	9	9.0	2800	6039	0	0	0.0	9.0	0.1
data3-7-20-02710.txt	7	3	20	7	0.1	7	7.0	2800	6094	0	0	0.0	7.0	0.1
data3-7-20-02711.txt	7	3	20	9	0.1	9	9.0	2800	6028	0	0	0.0	9.0	0.1
data3-7-20-02712.txt	7	3	20	9	0.2	9	9.0	2800	6065	0	0	0.0	9.0	0.1
data3-7-20-02713.txt	7	3	20	8	0.2	8	8.0	2800	6144	0	0	0.0	8.0	0.1
data3-7-20-02714.txt	7	3	20	7	0.1	7	7.0	2800	6062	0	0	0.0	7.0	0.1
data3-7-20-02715.txt	7	3	20	7	0.1	7	7.0	2800	6088	0	0	0.0	7.0	0.1
data3-7-20-02716.txt	7	3	20	12	0.2	12	12.0	2800	6140	0	0	0.0	12.0	0.1
data3-7-20-02717.txt	7	3	20	4	0.1	4	4.0	2800	5965	0	0	0.0	4.0	0.1
data3-7-20-02718.txt	7	3	20	11	0.1	11	11.0	2800	6124	0	0	0.0	11.0	0.1
data3-7-20-02719.txt	7	3	20	10	0.2	10	10.0	2800	6112	0	0	0.0	10.0	0.1
data3-7-20-02720.txt	7	3	20	9	0.2	9	9.0	2800	6232	0	0	0.0	9.0	0.1
data3-7-20-02721.txt	7	3	20	8	0.1	8	8.0	2800	6082	0	0	0.0	8.0	0.1
data3-7-20-02722.txt	7	3	20	12	0.2	12	12.0	2800	6205	0	0	0.0	12.0	0.1
data3-7-20-02723.txt	7	3	20	6	0.1	6	6.0	2800	6019	0	0	0.0	6.0	0.1
data3-7-20-02724.txt	7	3	20	8	0.1	8	8.0	2800	6062	0	0	0.0	8.0	0.1
data3-7-20-02725.txt	7	3	20	9	0.1	9	9.0	2800	6109	0	0	0.0	9.0	0.1
data3-7-20-02726.txt	7	3	20	6	0.1	6	6.0	2800	6076	0	0	0.0	6.0	0.1
data3-7-20-02727.txt	7	3	20	13	0.2	13	13.0	2800	6232	0	0	0.0	13.0	0.1
data3-7-20-02728.txt	7	3	20	11	0.1	11	11.0	2800	6107	0	0	0.0	11.0	0.1
data3-7-20-02729.txt	7	3	20	7	0.1	7	7.0	2800	6055	0	0	0.0	7.0	0.1
data3-7-20-02730.txt	7	3	20	8	0.2	8	8.0	2800	6118	0	0	0.0	8.0	0.1
data3-7-20-02731.txt	7	3	20	11	0.2	11	11.0	2800	6126	0	0	0.0	11.0	0.1
data3-7-20-02732.txt	7	3	20	7	0.1	7	7.0	2800	6007	0	0	0.0	7.0	0.1
data3-7-20-02733.txt	7	3	20	6	0.1	6	6.0	2800	5977	0	0	0.0	6.0	0.1
data3-7-20-02734.txt	7	3	20	13	0.1	13	13.0	2800	6143	0	0	0.0	13.0	0.1
data3-7-20-02735.txt	7	3	20	8	0.1	8	8.0	2800	6115	0	0	0.0	8.0	0.1
data3-7-20-02736.txt	7	3	20	11	0.1	11	11.0	2800	6166	0	0	0.0	11.0	0.1
data3-7-20-02737.txt	7	3	20	8	0.1	8	8.0	2800	6081	0	0	0.0	8.0	0.1
data3-7-20-02738.txt	7	3	20	6	0.1	6	6.0	2800	5990	0	0	0.0	6.0	0.1
data3-7-20-02739.txt	7	3	20	9	0.2	9	9.0	2800	6070	0	0	0.0	9.0	0.1
data3-7-20-02740.txt	7	3	20	2	0.1	2	2.0	2800	5886	0	0	0.0	2.0	0.1
data3-7-20-02741.txt	7	3	20	10	0.1	10	10.0	2800	6073	0	1	0.0	9.0	0.1
data3-7-20-02742.txt	7	3	20	8	0.1	8	8.0	2800	6076	0	0	0.0	8.0	0.1
data3-7-20-02743.txt	7	3	20	10	0.2	10	10.0	2800	6142	0	0	0.0	10.0	0.1
data3-7-20-02744.txt	7	3	20	8	0.1	8	8.0	2800	6008	0	0	0.0	8.0	0.1
data3-7-20-02745.txt	7	3	20	9	0.1	9	9.0	2800	6127	0	0	0.0	9.0	0.1
data3-7-20-02746.txt	7	3	20	11	0.2	11	11.0	2800	6148	0	0	0.0	11.0	0.1
data3-7-20-02747.txt	7	3	20	7	0.1	7	7.0	2800	6062	0	0	0.0	7.0	0.1
data3-7-20-02748.txt	7	3	20	6	0.1	6	6.0	2800	6077	0	0	0.0	6.0	0.1
data3-7-20-02749.txt	7	3	20	12	0.2	12	12.0	2800	6107	0	0	0.0	11.5	0.1
data3-7-20-02750.txt	7	3	20	7	0.1	7	7.0	2800	6031	0	0	0.0	7.0	0.1
data3-7-20-02751.txt	7	3	20	9	0.1	9	9.0	2800	6085	0	0	0.0	9.0	0.1
data3-7-20-02752.txt	7	3	20	4	0.1	4	4.0	2800	6004	0	0	0.0	4.0	0.1
data3-7-20-02753.txt	7	3	20	8	0.2	8	8.0	2800	6052	0	0	0.0	8.0	0.1
data3-7-20-02754.txt	7	3	20	5	0.1	5	5.0	2800	5963	0	0	0.0	5.0	0.1
data3-7-20-02755.txt	7	3	20	8	0.1	8	8.0	2800	6038	0	0	0.0	8.0	0.1
data3-7-20-02756.txt	7	3	20	9	0.1	9	9.0	2800	6125	0	0	0.0	9.0	0.1
data3-7-20-02757.txt	7	3	20	12	0.2	12	12.0	2800	6109	0	0	0.0	11.5	0.1
data3-7-20-02758.txt	7	3	20	9	0.1	9	9.0	2800	6120	0	0	0.0	9.0	0.1
data3-7-20-02759.txt	7	3	20	7	0.1	7	7.0	2800	6127	0	0	0.0	7.0	0.1
data3-7-20-02760.txt	7	3	20	6	0.1	6	6.0	2800	5989	0	0	0.0	6.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-7-20-02761.txt	7	3	20	10	0.2	10	10.0	2800	6128	0	0	0.0	10.0	0.1
data3-7-20-02762.txt	7	3	20	4	0.1	4	4.0	2800	6025	0	0	0.0	4.0	0.1
data3-7-20-02763.txt	7	3	20	9	0.2	9	9.0	2800	6163	0	0	0.0	9.0	0.1
data3-7-20-02764.txt	7	3	20	7	0.1	7	7.0	2800	6038	0	0	0.0	7.0	0.1
data3-7-20-02765.txt	7	3	20	7	0.1	7	7.0	2800	6019	0	0	0.0	7.0	0.1
data3-7-20-02766.txt	7	3	20	8	0.1	8	8.0	2800	6038	0	0	0.0	8.0	0.1
data3-7-20-02767.txt	7	3	20	9	0.1	9	9.0	2800	6083	0	0	0.0	9.0	0.1
data3-7-20-02768.txt	7	3	20	8	0.2	8	8.0	2800	6096	0	0	0.0	8.0	0.1
data3-7-20-02769.txt	7	3	20	10	0.1	10	10.0	2800	6112	0	0	0.0	10.0	0.1
data3-7-20-02770.txt	7	3	20	8	0.1	8	8.0	2800	6014	0	0	0.0	8.0	0.1
data3-7-20-02771.txt	7	3	20	11	0.1	11	11.0	2800	6051	0	0	0.0	11.0	0.1
data3-7-20-02772.txt	7	3	20	13	0.1	13	13.0	2800	6144	0	0	0.0	13.0	0.1
data3-7-20-02773.txt	7	3	20	7	0.1	7	7.0	2800	6118	0	0	0.0	7.0	0.1
data3-7-20-02774.txt	7	3	20	8	0.1	8	8.0	2800	6054	0	0	0.0	8.0	0.1
data3-7-20-02775.txt	7	3	20	7	0.1	7	7.0	2800	6047	0	0	0.0	7.0	0.1
data3-7-20-02776.txt	7	3	20	12	0.1	12	12.0	2800	6110	0	0	0.0	12.0	0.1
data3-7-20-02777.txt	7	3	20	9	0.1	9	9.0	2800	6097	0	0	0.0	9.0	0.1
data3-7-20-02778.txt	7	3	20	7	0.1	7	7.0	2800	5972	0	0	0.0	7.0	0.1
data3-7-20-02779.txt	7	3	20	9	0.1	9	9.0	2800	6051	0	0	0.0	9.0	0.1
data3-7-20-02780.txt	7	3	20	8	0.2	8	8.0	2800	6165	0	0	0.0	8.0	0.1
data3-7-20-02781.txt	7	3	20	7	0.1	7	7.0	2800	6101	0	0	0.0	7.0	0.1
data3-7-20-02782.txt	7	3	20	7	0.1	7	7.0	2800	6006	0	0	0.0	7.0	0.1
data3-7-20-02783.txt	7	3	20	9	0.1	9	9.0	2800	6039	0	0	0.0	9.0	0.1
data3-7-20-02784.txt	7	3	20	7	0.1	7	7.0	2800	6047	0	0	0.0	7.0	0.1
data3-7-20-02785.txt	7	3	20	7	0.1	7	7.0	2800	6054	0	0	0.0	7.0	0.1
data3-7-20-02786.txt	7	3	20	8	0.1	8	8.0	2800	6095	0	0	0.0	8.0	0.1
data3-7-20-02787.txt	7	3	20	9	0.1	9	9.0	2800	6050	0	0	0.0	9.0	0.1
data3-7-20-02788.txt	7	3	20	11	0.2	11	11.0	2800	6153	0	0	0.0	11.0	0.1
data3-7-20-02789.txt	7	3	20	5	0.1	5	5.0	2800	5971	0	0	0.0	5.0	0.1
data3-7-20-02790.txt	7	3	20	11	0.1	11	11.0	2800	6095	0	0	0.0	11.0	0.1
data3-7-20-02791.txt	7	3	20	9	0.1	9	9.0	2800	6106	0	0	0.0	9.0	0.1
data3-7-20-02792.txt	7	3	20	7	0.1	7	7.0	2800	6055	0	0	0.0	7.0	0.1
data3-7-20-02793.txt	7	3	20	9	0.1	9	9.0	2800	6143	0	0	0.0	9.0	0.1
data3-7-20-02794.txt	7	3	20	10	0.1	10	10.0	2800	6060	0	0	0.0	10.0	0.1
data3-7-20-02795.txt	7	3	20	10	0.2	10	10.0	2800	6104	0	0	0.0	10.0	0.1
data3-7-20-02796.txt	7	3	20	9	0.1	9	9.0	2800	6161	0	0	0.0	9.0	0.1
data3-7-20-02797.txt	7	3	20	8	0.1	8	8.0	2800	6067	0	0	0.0	8.0	0.1
data3-7-20-02798.txt	7	3	20	7	0.1	7	7.0	2800	6053	0	0	0.0	7.0	0.1
data3-7-20-02799.txt	7	3	20	10	0.2	10	10.0	2800	6148	0	0	0.0	10.0	0.1
data3-7-20-02800.txt	7	3	20	8	0.1	8	8.0	2800	6044	0	0	0.0	8.0	0.1
data3-8-21-05001.txt	8	3	21	11	0.2	11	11.0	3528	7737	0	0	0.0	11.0	0.1
data3-8-21-05002.txt	8	3	21	7	0.1	7	7.0	3528	7417	0	0	0.0	7.0	0.1
data3-8-21-05003.txt	8	3	21	10	0.2	10	10.0	3528	7689	0	0	0.0	10.0	0.1
data3-8-21-05004.txt	8	3	21	7	0.1	7	7.0	3528	7484	0	0	0.0	7.0	0.1
data3-8-21-05005.txt	8	3	21	9	0.2	9	9.0	3528	7591	0	0	0.0	9.0	0.1
data3-8-21-05006.txt	8	3	21	9	0.2	9	9.0	3528	7596	0	0	0.0	9.0	0.1
data3-8-21-05007.txt	8	3	21	8	0.2	8	8.0	3528	7594	0	0	0.0	8.0	0.1
data3-8-21-05008.txt	8	3	21	8	0.2	8	8.0	3528	7600	0	0	0.0	8.0	0.1
data3-8-21-05009.txt	8	3	21	5	0.2	5	5.0	3528	7609	0	0	0.0	5.0	0.1
data3-8-21-05010.txt	8	3	21	10	0.2	10	10.0	3528	7749	0	0	0.0	10.0	0.1
data3-8-21-05011.txt	8	3	21	7	0.2	7	7.0	3528	7571	0	0	0.0	7.0	0.1
data3-8-21-05012.txt	8	3	21	10	0.2	10	10.0	3528	7621	0	0	0.0	10.0	0.1
data3-8-21-05013.txt	8	3	21	11	0.2	11	11.0	3528	7678	0	0	0.0	11.0	0.1
data3-8-21-05014.txt	8	3	21	5	0.2	5	5.0	3528	7656	0	0	0.0	5.0	0.1
data3-8-21-05015.txt	8	3	21	9	0.2	9	9.0	3528	7690	0	0	0.0	9.0	0.1
data3-8-21-05016.txt	8	3	21	12	0.2	12	12.0	3528	7766	0	0	0.0	12.0	0.1
data3-8-21-05017.txt	8	3	21	6	0.2	6	6.0	3528	7647	0	0	0.0	6.0	0.1
data3-8-21-05018.txt	8	3	21	9	0.2	9	9.0	3528	7725	0	0	0.0	9.0	0.1
data3-8-21-05019.txt	8	3	21	11	0.2	11	11.0	3528	7636	0	0	0.0	11.0	0.1
data3-8-21-05020.txt	8	3	21	9	0.2	9	9.0	3528	7667	0	0	0.0	9.0	0.1
data3-8-21-05021.txt	8	3	21	9	0.2	9	9.0	3528	7635	0	0	0.0	9.0	0.1
data3-8-21-05022.txt	8	3	21	10	0.2	10	10.0	3528	7722	0	0	0.0	10.0	0.1
data3-8-21-05023.txt	8	3	21	9	0.2	9	9.0	3528	7611	0	0	0.0	9.0	0.1
data3-8-21-05024.txt	8	3	21	6	0.2	6	6.0	3528	7538	0	0	0.0	6.0	0.1
data3-8-21-05025.txt	8	3	21	6	0.1	6	6.0	3528	7459	0	0	0.0	6.0	0.1
data3-8-21-05026.txt	8	3	21	6	0.2	6	6.0	3528	7523	0	0	0.0	6.0	0.1
data3-8-21-05027.txt	8	3	21	7	0.1	7	7.0	3528	7530	0	0	0.0	7.0	0.1
data3-8-21-05028.txt	8	3	21	4	0.2	4	4.0	3528	7604	0	0	0.0	4.0	0.1
data3-8-21-05029.txt	8	3	21	7	0.2	7	7.0	3528	7579	0	0	0.0	7.0	0.1
data3-8-21-05030.txt	8	3	21	8	0.2	8	8.0	3528	7613	0	0	0.0	8.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-8-21-05031.txt	8	3	21	8	0.2	8	8.0	3528	7582	0	0	0.0	8.0	0.1
data3-8-21-05032.txt	8	3	21	5	0.1	5	5.0	3528	7442	0	0	0.0	5.0	0.1
data3-8-21-05033.txt	8	3	21	4	0.2	4	4.0	3528	7432	0	0	0.0	4.0	0.1
data3-8-21-05034.txt	8	3	21	10	0.2	10	10.0	3528	7646	0	0	0.0	10.0	0.1
data3-8-21-05035.txt	8	3	21	7	0.2	7	7.0	3528	7478	0	0	0.0	7.0	0.1
data3-8-21-05036.txt	8	3	21	11	0.2	11	11.0	3528	7628	0	0	0.0	11.0	0.1
data3-8-21-05037.txt	8	3	21	7	0.2	7	7.0	3528	7661	0	0	0.0	7.0	0.1
data3-8-21-05038.txt	8	3	21	3	0.2	3	3.0	3528	7547	0	0	0.0	3.0	0.1
data3-8-21-05039.txt	8	3	21	12	0.2	12	12.0	3528	7763	0	0	0.0	12.0	0.1
data3-8-21-05040.txt	8	3	21	9	0.2	9	9.0	3528	7780	0	0	0.0	9.0	0.1
data3-8-21-05041.txt	8	3	21	13	0.3	13	13.0	3528	7790	0	0	0.0	13.0	0.1
data3-8-21-05042.txt	8	3	21	8	0.2	8	8.0	3528	7630	0	0	0.0	8.0	0.1
data3-8-21-05043.txt	8	3	21	8	0.2	8	8.0	3528	7590	0	0	0.0	8.0	0.1
data3-8-21-05044.txt	8	3	21	6	0.2	6	6.0	3528	7608	0	0	0.0	6.0	0.1
data3-8-21-05045.txt	8	3	21	10	0.2	10	10.0	3528	7540	0	0	0.0	10.0	0.1
data3-8-21-05046.txt	8	3	21	9	0.2	9	9.0	3528	7561	0	0	0.0	9.0	0.1
data3-8-21-05047.txt	8	3	21	8	0.2	8	8.0	3528	7585	0	0	0.0	8.0	0.1
data3-8-21-05048.txt	8	3	21	10	0.2	10	10.0	3528	7571	0	0	0.0	10.0	0.1
data3-8-21-05049.txt	8	3	21	10	0.3	10	10.0	3528	7725	0	0	0.0	10.0	0.1
data3-8-21-05050.txt	8	3	21	7	0.1	7	7.0	3528	7537	0	0	0.0	7.0	0.1
data3-8-21-05051.txt	8	3	21	7	0.2	7	7.0	3528	7580	0	0	0.0	7.0	0.1
data3-8-21-05052.txt	8	3	21	9	0.2	9	9.0	3528	7679	0	0	0.0	8.5	0.1
data3-8-21-05053.txt	8	3	21	6	0.1	6	6.0	3528	7502	0	0	0.0	6.0	0.1
data3-8-21-05054.txt	8	3	21	7	0.2	7	7.0	3528	7562	0	0	0.0	7.0	0.1
data3-8-21-05055.txt	8	3	21	7	0.2	7	7.0	3528	7653	0	0	0.0	7.0	0.1
data3-8-21-05056.txt	8	3	21	9	0.2	9	9.0	3528	7679	0	0	0.0	8.5	0.1
data3-8-21-05057.txt	8	3	21	10	0.2	10	10.0	3528	7596	0	0	0.0	10.0	0.1
data3-8-21-05058.txt	8	3	21	8	0.2	8	8.0	3528	7602	0	0	0.0	8.0	0.1
data3-8-21-05059.txt	8	3	21	6	0.2	6	6.0	3528	7546	0	0	0.0	6.0	0.1
data3-8-21-05060.txt	8	3	21	9	0.2	9	9.0	3528	7679	0	0	0.0	9.0	0.1
data3-8-21-05061.txt	8	3	21	6	0.2	6	6.0	3528	7605	0	0	0.0	6.0	0.1
data3-8-21-05062.txt	8	3	21	7	0.2	7	7.0	3528	7640	0	0	0.0	7.0	0.1
data3-8-21-05063.txt	8	3	21	6	0.2	6	6.0	3528	7539	0	0	0.0	6.0	0.1
data3-8-21-05064.txt	8	3	21	9	0.2	9	9.0	3528	7544	0	0	0.0	9.0	0.1
data3-8-21-05065.txt	8	3	21	7	0.2	7	7.0	3528	7695	0	0	0.0	6.0	0.1
data3-8-21-05066.txt	8	3	21	5	0.1	5	5.0	3528	7441	0	0	0.0	5.0	0.1
data3-8-21-05067.txt	8	3	21	5	0.1	5	5.0	3528	7522	0	0	0.0	5.0	0.1
data3-8-21-05068.txt	8	3	21	10	0.3	10	10.0	3528	7744	0	0	0.0	10.0	0.1
data3-8-21-05069.txt	8	3	21	8	0.2	8	8.0	3528	7596	0	0	0.0	8.0	0.1
data3-8-21-05070.txt	8	3	21	11	0.2	11	11.0	3528	7737	0	0	0.0	11.0	0.1
data3-8-21-05071.txt	8	3	21	7	0.2	7	7.0	3528	7720	0	0	0.0	7.0	0.1
data3-8-21-05072.txt	8	3	21	8	0.2	8	8.0	3528	7664	0	0	0.0	7.5	0.1
data3-8-21-05073.txt	8	3	21	10	0.2	10	10.0	3528	7677	0	0	0.0	9.3	0.1
data3-8-21-05074.txt	8	3	21	5	0.2	5	5.0	3528	7654	0	0	0.0	5.0	0.1
data3-8-21-05075.txt	8	3	21	6	0.1	6	6.0	3528	7523	0	0	0.0	6.0	0.1
data3-8-21-05076.txt	8	3	21	8	0.2	8	8.0	3528	7651	0	0	0.0	8.0	0.1
data3-8-21-05077.txt	8	3	21	10	0.3	10	10.0	3528	7733	0	0	0.0	9.0	0.1
data3-8-21-05078.txt	8	3	21	8	0.2	8	8.0	3528	7604	0	0	0.0	8.0	0.1
data3-8-21-05079.txt	8	3	21	8	0.2	8	8.0	3528	7561	0	0	0.0	8.0	0.1
data3-8-21-05080.txt	8	3	21	7	0.2	7	7.0	3528	7578	0	0	0.0	7.0	0.1
data3-8-21-05081.txt	8	3	21	5	0.2	5	5.0	3528	7485	0	0	0.0	5.0	0.1
data3-8-21-05082.txt	8	3	21	10	0.2	10	10.0	3528	7566	0	0	0.0	10.0	0.1
data3-8-21-05083.txt	8	3	21	9	0.2	9	9.0	3528	7597	0	0	0.0	9.0	0.1
data3-8-21-05084.txt	8	3	21	8	0.2	8	8.0	3528	7554	0	0	0.0	8.0	0.1
data3-8-21-05085.txt	8	3	21	10	0.2	10	10.0	3528	7732	0	0	0.0	10.0	0.1
data3-8-21-05086.txt	8	3	21	9	0.2	9	9.0	3528	7590	0	0	0.0	9.0	0.1
data3-8-21-05087.txt	8	3	21	8	0.2	8	8.0	3528	7645	0	0	0.0	8.0	0.1
data3-8-21-05088.txt	8	3	21	7	0.2	7	7.0	3528	7642	0	0	0.0	7.0	0.1
data3-8-21-05089.txt	8	3	21	9	0.2	9	9.0	3528	7635	0	0	0.0	9.0	0.1
data3-8-21-05090.txt	8	3	21	7	0.2	7	7.0	3528	7723	0	0	0.0	7.0	0.1
data3-8-21-05091.txt	8	3	21	12	0.3	12	12.0	3528	7762	0	0	0.0	12.0	0.1
data3-8-21-05092.txt	8	3	21	9	0.2	9	9.0	3528	7759	0	0	0.0	9.0	0.1
data3-8-21-05093.txt	8	3	21	7	0.1	7	7.0	3528	7516	0	0	0.0	7.0	0.1
data3-8-21-05094.txt	8	3	21	12	0.2	12	12.0	3528	7739	0	0	0.0	12.0	0.1
data3-8-21-05095.txt	8	3	21	6	0.1	6	6.0	3528	7535	0	0	0.0	6.0	0.1
data3-8-21-05096.txt	8	3	21	7	0.2	7	7.0	3528	7572	0	0	0.0	7.0	0.1
data3-8-21-05097.txt	8	3	21	10	0.2	10	10.0	3528	7529	0	0	0.0	10.0	0.1
data3-8-21-05098.txt	8	3	21	11	0.3	11	11.0	3528	7741	0	0	0.0	11.0	0.1
data3-8-21-05099.txt	8	3	21	9	0.2	9	9.0	3528	7764	0	0	0.0	9.0	0.1
data3-8-21-05100.txt	8	3	21	8	0.2	8	8.0	3528	7588	0	0	0.0	8.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-8-22-05101.txt	8	3	22	7	0.1	7	7.0	3872	8215	0	0	0.0	7.0	0.1
data3-8-22-05102.txt	8	3	22	10	0.2	10	10.0	3872	8454	0	0	0.0	10.0	0.1
data3-8-22-05103.txt	8	3	22	11	0.2	11	11.0	3872	8474	0	0	0.0	11.0	0.1
data3-8-22-05104.txt	8	3	22	6	0.2	6	6.0	3872	8232	0	0	0.0	6.0	0.1
data3-8-22-05105.txt	8	3	22	11	0.2	11	11.0	3872	8468	0	0	0.0	10.5	0.1
data3-8-22-05106.txt	8	3	22	7	0.2	7	7.0	3872	8229	0	0	0.0	7.0	0.1
data3-8-22-05107.txt	8	3	22	10	0.2	10	10.0	3872	8376	0	0	0.0	10.0	0.1
data3-8-22-05108.txt	8	3	22	12	0.2	12	12.0	3872	8465	0	0	0.0	12.0	0.1
data3-8-22-05109.txt	8	3	22	4	0.1	4	4.0	3872	8160	0	0	0.0	4.0	0.1
data3-8-22-05110.txt	8	3	22	6	0.2	6	6.0	3872	8135	0	0	0.0	6.0	0.1
data3-8-22-05111.txt	8	3	22	9	0.3	9	9.0	3872	8529	0	0	0.0	9.0	0.1
data3-8-22-05112.txt	8	3	22	10	0.2	10	10.0	3872	8447	0	0	0.0	10.0	0.1
data3-8-22-05113.txt	8	3	22	9	0.2	9	9.0	3872	8409	0	1	0.0	8.0	0.1
data3-8-22-05114.txt	8	3	22	13	0.2	13	13.0	3872	8521	0	0	0.0	13.0	0.1
data3-8-22-05115.txt	8	3	22	7	0.2	7	7.0	3872	8426	0	0	0.0	7.0	0.1
data3-8-22-05116.txt	8	3	22	13	0.2	13	13.0	3872	8440	0	0	0.0	13.0	0.1
data3-8-22-05117.txt	8	3	22	8	0.2	8	8.0	3872	8367	0	0	0.0	8.0	0.1
data3-8-22-05118.txt	8	3	22	6	0.2	6	6.0	3872	8330	0	0	0.0	6.0	0.1
data3-8-22-05119.txt	8	3	22	9	0.2	9	9.0	3872	8385	0	0	0.0	9.0	0.1
data3-8-22-05120.txt	8	3	22	11	0.2	11	11.0	3872	8488	0	0	0.0	11.0	0.1
data3-8-22-05121.txt	8	3	22	8	0.1	8	8.0	3872	8339	0	0	0.0	8.0	0.1
data3-8-22-05122.txt	8	3	22	10	0.2	10	10.0	3872	8290	0	0	0.0	10.0	0.1
data3-8-22-05123.txt	8	3	22	10	0.2	10	10.0	3872	8439	0	1	0.0	9.0	0.1
data3-8-22-05124.txt	8	3	22	11	0.2	11	11.0	3872	8438	0	0	0.0	11.0	0.1
data3-8-22-05125.txt	8	3	22	10	0.3	10	10.0	3872	8438	0	0	0.0	10.0	0.1
data3-8-22-05126.txt	8	3	22	10	0.2	10	10.0	3872	8416	0	0	0.0	10.0	0.1
data3-8-22-05127.txt	8	3	22	13	0.3	13	13.0	3872	8508	0	0	0.0	13.0	0.1
data3-8-22-05128.txt	8	3	22	12	0.2	12	12.0	3872	8305	0	3	0.0	11.0	0.1
data3-8-22-05129.txt	8	3	22	11	0.2	11	11.0	3872	8359	0	0	0.0	11.0	0.1
data3-8-22-05130.txt	8	3	22	11	0.2	11	11.0	3872	8460	0	0	0.0	11.0	0.1
data3-8-22-05131.txt	8	3	22	10	0.2	10	10.0	3872	8274	0	0	0.0	9.0	0.1
data3-8-22-05132.txt	8	3	22	9	0.2	9	9.0	3872	8568	0	0	0.0	9.0	0.1
data3-8-22-05133.txt	8	3	22	10	0.2	10	10.0	3872	8415	0	0	0.0	10.0	0.1
data3-8-22-05134.txt	8	3	22	8	0.2	8	8.0	3872	8356	0	0	0.0	8.0	0.1
data3-8-22-05135.txt	8	3	22	12	0.2	12	12.0	3872	8384	0	0	0.0	12.0	0.1
data3-8-22-05136.txt	8	3	22	7	0.2	7	7.0	3872	8495	0	0	0.0	7.0	0.1
data3-8-22-05137.txt	8	3	22	12	0.3	12	12.0	3872	8501	0	0	0.0	11.3	0.1
data3-8-22-05138.txt	8	3	22	4	0.2	4	4.0	3872	8202	0	0	0.0	4.0	0.1
data3-8-22-05139.txt	8	3	22	9	0.2	9	9.0	3872	8414	0	0	0.0	9.0	0.1
data3-8-22-05140.txt	8	3	22	8	0.2	8	8.0	3872	8299	0	0	0.0	8.0	0.1
data3-8-22-05141.txt	8	3	22	8	0.2	8	8.0	3872	8359	0	0	0.0	8.0	0.1
data3-8-22-05142.txt	8	3	22	9	0.2	9	9.0	3872	8418	0	0	0.0	9.0	0.1
data3-8-22-05143.txt	8	3	22	8	0.2	8	8.0	3872	8289	0	0	0.0	8.0	0.1
data3-8-22-05144.txt	8	3	22	6	0.2	6	6.0	3872	8289	0	0	0.0	6.0	0.1
data3-8-22-05145.txt	8	3	22	10	0.2	10	10.0	3872	8433	0	0	0.0	10.0	0.1
data3-8-22-05146.txt	8	3	22	11	0.2	11	11.0	3872	8337	0	0	0.0	11.0	0.1
data3-8-22-05147.txt	8	3	22	7	0.2	7	7.0	3872	8360	0	0	0.0	7.0	0.1
data3-8-22-05148.txt	8	3	22	7	0.1	7	7.0	3872	8215	0	0	0.0	7.0	0.1
data3-8-22-05149.txt	8	3	22	8	0.2	8	8.0	3872	8372	0	0	0.0	8.0	0.1
data3-8-22-05150.txt	8	3	22	10	0.2	10	10.0	3872	8354	0	0	0.0	10.0	0.1
data3-8-22-05151.txt	8	3	22	8	0.2	8	8.0	3872	8384	0	0	0.0	8.0	0.1
data3-8-22-05152.txt	8	3	22	6	0.1	6	6.0	3872	8289	0	0	0.0	6.0	0.1
data3-8-22-05153.txt	8	3	22	7	0.2	7	7.0	3872	8265	0	0	0.0	7.0	0.1
data3-8-22-05154.txt	8	3	22	8	0.2	8	8.0	3872	8302	0	0	0.0	8.0	0.1
data3-8-22-05155.txt	8	3	22	10	0.2	10	10.0	3872	8331	0	0	0.0	10.0	0.1
data3-8-22-05156.txt	8	3	22	11	0.2	11	11.0	3872	8421	0	0	0.0	11.0	0.1
data3-8-22-05157.txt	8	3	22	11	0.2	11	11.0	3872	8417	0	0	0.0	11.0	0.1
data3-8-22-05158.txt	8	3	22	10	0.2	10	10.0	3872	8371	0	0	0.0	10.0	0.1
data3-8-22-05159.txt	8	3	22	9	0.2	9	9.0	3872	8448	0	0	0.0	9.0	0.1
data3-8-22-05160.txt	8	3	22	6	0.2	6	6.0	3872	8382	0	0	0.0	6.0	0.1
data3-8-22-05161.txt	8	3	22	5	0.2	5	5.0	3872	8275	0	0	0.0	5.0	0.1
data3-8-22-05162.txt	8	3	22	7	0.2	7	7.0	3872	8230	0	0	0.0	7.0	0.1
data3-8-22-05163.txt	8	3	22	11	0.2	11	11.0	3872	8384	0	0	0.0	11.0	0.1
data3-8-22-05164.txt	8	3	22	11	0.2	11	11.0	3872	8382	0	0	0.0	11.0	0.1
data3-8-22-05165.txt	8	3	22	8	0.2	8	8.0	3872	8456	0	0	0.0	8.0	0.1
data3-8-22-05166.txt	8	3	22	8	0.2	8	8.0	3872	8312	0	0	0.0	8.0	0.1
data3-8-22-05167.txt	8	3	22	10	0.2	10	10.0	3872	8418	0	0	0.0	10.0	0.1
data3-8-22-05168.txt	8	3	22	10	0.3	10	10.0	3872	8521	0	0	0.0	10.0	0.1
data3-8-22-05169.txt	8	3	22	5	0.2	5	5.0	3872	8296	0	0	0.0	5.0	0.1
data3-8-22-05170.txt	8	3	22	15	0.2	15	15.0	3872	8470	0	0	0.0	15.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-8-22-05171.txt	8	3	22	9	0.2	9	9.0	3872	8272	0	0	0.0	9.0	0.1
data3-8-22-05172.txt	8	3	22	11	0.2	11	11.0	3872	8389	0	0	0.0	11.0	0.1
data3-8-22-05173.txt	8	3	22	8	0.2	8	8.0	3872	8212	0	0	0.0	8.0	0.1
data3-8-22-05174.txt	8	3	22	7	0.2	7	7.0	3872	8364	0	0	0.0	7.0	0.1
data3-8-22-05175.txt	8	3	22	9	0.2	9	9.0	3872	8337	0	0	0.0	9.0	0.1
data3-8-22-05176.txt	8	3	22	5	0.2	5	5.0	3872	8174	0	0	0.0	5.0	0.1
data3-8-22-05177.txt	8	3	22	6	0.2	6	6.0	3872	8261	0	0	0.0	6.0	0.1
data3-8-22-05178.txt	8	3	22	8	0.2	8	8.0	3872	8409	0	0	0.0	8.0	0.1
data3-8-22-05179.txt	8	3	22	14	0.3	14	14.0	3872	8495	0	0	0.0	14.0	0.1
data3-8-22-05180.txt	8	3	22	10	0.2	10	10.0	3872	8353	0	0	0.0	10.0	0.1
data3-8-22-05181.txt	8	3	22	10	0.2	10	10.0	3872	8336	0	0	0.0	10.0	0.1
data3-8-22-05182.txt	8	3	22	11	0.2	11	11.0	3872	8396	0	0	0.0	11.0	0.1
data3-8-22-05183.txt	8	3	22	8	0.2	8	8.0	3872	8372	0	0	0.0	8.0	0.1
data3-8-22-05184.txt	8	3	22	9	0.2	9	9.0	3872	8432	0	0	0.0	9.0	0.1
data3-8-22-05185.txt	8	3	22	10	0.2	10	10.0	3872	8389	0	0	0.0	10.0	0.1
data3-8-22-05186.txt	8	3	22	10	0.2	10	10.0	3872	8494	0	0	0.0	10.0	0.1
data3-8-22-05187.txt	8	3	22	7	0.2	7	7.0	3872	8279	0	0	0.0	7.0	0.1
data3-8-22-05188.txt	8	3	22	9	0.2	9	9.0	3872	8291	0	0	0.0	9.0	0.1
data3-8-22-05189.txt	8	3	22	8	0.2	8	8.0	3872	8256	0	0	0.0	8.0	0.1
data3-8-22-05190.txt	8	3	22	7	0.2	7	7.0	3872	8327	0	0	0.0	7.0	0.1
data3-8-22-05191.txt	8	3	22	12	0.2	12	12.0	3872	8521	0	0	0.0	12.0	0.1
data3-8-22-05192.txt	8	3	22	9	0.2	9	9.0	3872	8281	0	0	0.0	9.0	0.1
data3-8-22-05193.txt	8	3	22	10	0.2	10	10.0	3872	8290	0	0	0.0	10.0	0.1
data3-8-22-05194.txt	8	3	22	13	0.3	13	13.0	3872	8623	0	0	0.0	13.0	0.1
data3-8-22-05195.txt	8	3	22	12	0.2	12	12.0	3872	8453	0	0	0.0	12.0	0.1
data3-8-22-05196.txt	8	3	22	8	0.2	8	8.0	3872	8531	0	0	0.0	8.0	0.1
data3-8-22-05197.txt	8	3	22	11	0.2	11	11.0	3872	8560	0	0	0.0	11.0	0.1
data3-8-22-05198.txt	8	3	22	9	0.2	9	9.0	3872	8415	0	0	0.0	9.0	0.1
data3-8-22-05199.txt	8	3	22	9	0.2	9	9.0	3872	8484	0	0	0.0	9.0	0.1
data3-8-22-05200.txt	8	3	22	5	0.1	5	5.0	3872	8243	0	0	0.0	5.0	0.1
data3-8-23-05201.txt	8	3	23	11	0.2	11	11.0	4232	9270	0	0	0.0	11.0	0.1
data3-8-23-05202.txt	8	3	23	8	0.2	8	8.0	4232	9085	0	0	0.0	8.0	0.1
data3-8-23-05203.txt	8	3	23	14	0.2	14	14.0	4232	9116	0	0	0.0	14.0	0.1
data3-8-23-05204.txt	8	3	23	8	0.2	8	8.0	4232	9043	0	0	0.0	8.0	0.1
data3-8-23-05205.txt	8	3	23	11	0.2	11	11.0	4232	9117	0	0	0.0	11.0	0.1
data3-8-23-05206.txt	8	3	23	15	0.2	15	15.0	4232	9227	0	0	0.0	15.0	0.1
data3-8-23-05207.txt	8	3	23	7	0.2	7	7.0	4232	9255	0	0	0.0	7.0	0.1
data3-8-23-05208.txt	8	3	23	6	0.2	6	6.0	4232	9003	0	0	0.0	6.0	0.1
data3-8-23-05209.txt	8	3	23	14	0.2	14	14.0	4232	9283	0	0	0.0	14.0	0.1
data3-8-23-05210.txt	8	3	23	11	0.2	11	11.0	4232	9123	0	0	0.0	11.0	0.1
data3-8-23-05211.txt	8	3	23	7	0.2	7	7.0	4232	9018	0	0	0.0	7.0	0.1
data3-8-23-05212.txt	8	3	23	6	0.2	6	6.0	4232	9109	0	0	0.0	6.0	0.1
data3-8-23-05213.txt	8	3	23	5	0.2	5	5.0	4232	8991	0	0	0.0	5.0	0.1
data3-8-23-05214.txt	8	3	23	10	0.2	10	10.0	4232	9160	0	0	0.0	10.0	0.1
data3-8-23-05215.txt	8	3	23	11	0.2	11	11.0	4232	9390	0	0	0.0	11.0	0.1
data3-8-23-05216.txt	8	3	23	10	0.2	10	10.0	4232	9124	0	0	0.0	10.0	0.1
data3-8-23-05217.txt	8	3	23	10	0.2	10	10.0	4232	9151	0	0	0.0	10.0	0.1
data3-8-23-05218.txt	8	3	23	12	0.2	12	12.0	4232	9163	0	0	0.0	11.5	0.1
data3-8-23-05219.txt	8	3	23	9	0.2	9	9.0	4232	9051	0	0	0.0	9.0	0.1
data3-8-23-05220.txt	8	3	23	10	0.2	10	10.0	4232	9055	0	0	0.0	10.0	0.1
data3-8-23-05221.txt	8	3	23	8	0.2	8	8.0	4232	9235	0	0	0.0	8.0	0.1
data3-8-23-05222.txt	8	3	23	11	0.2	11	11.0	4232	9165	0	0	0.0	11.0	0.1
data3-8-23-05223.txt	8	3	23	7	0.2	7	7.0	4232	9055	0	0	0.0	7.0	0.1
data3-8-23-05224.txt	8	3	23	7	0.2	7	7.0	4232	9072	0	0	0.0	7.0	0.1
data3-8-23-05225.txt	8	3	23	14	0.2	14	14.0	4232	9254	0	0	0.0	14.0	0.1
data3-8-23-05226.txt	8	3	23	13	0.4	13	13.0	4232	9278	1	7	0.0	11.2	0.1
data3-8-23-05227.txt	8	3	23	8	0.2	8	8.0	4232	8950	0	0	0.0	8.0	0.1
data3-8-23-05228.txt	8	3	23	9	0.2	9	9.0	4232	9152	0	0	0.0	9.0	0.1
data3-8-23-05229.txt	8	3	23	6	0.2	6	6.0	4232	9081	0	0	0.0	6.0	0.1
data3-8-23-05230.txt	8	3	23	8	0.2	8	8.0	4232	9162	0	0	0.0	8.0	0.1
data3-8-23-05231.txt	8	3	23	7	0.2	7	7.0	4232	9035	0	0	0.0	7.0	0.1
data3-8-23-05232.txt	8	3	23	5	0.2	5	5.0	4232	8932	0	0	0.0	5.0	0.1
data3-8-23-05233.txt	8	3	23	4	0.2	4	4.0	4232	8994	0	0	0.0	4.0	0.1
data3-8-23-05234.txt	8	3	23	7	0.2	7	7.0	4232	8953	0	0	0.0	7.0	0.1
data3-8-23-05235.txt	8	3	23	10	0.3	10	10.0	4232	9271	0	0	0.0	10.0	0.1
data3-8-23-05236.txt	8	3	23	10	0.2	10	10.0	4232	9129	0	0	0.0	10.0	0.1
data3-8-23-05237.txt	8	3	23	8	0.2	8	8.0	4232	9019	0	0	0.0	8.0	0.1
data3-8-23-05238.txt	8	3	23	12	0.1	12	12.0	4232	9179	0	0	0.0	12.0	0.1
data3-8-23-05239.txt	8	3	23	10	0.2	10	10.0	4232	9294	0	0	0.0	10.0	0.1
data3-8-23-05240.txt	8	3	23	13	0.2	13	13.0	4232	9388	0	0	0.0	13.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-8-23-05241.txt	8	3	23	7	0.1	7	7.0	4232	9049	0	0	0.0	7.0	0.1
data3-8-23-05242.txt	8	3	23	9	0.1	9	9.0	4232	9181	0	0	0.0	9.0	0.1
data3-8-23-05243.txt	8	3	23	8	0.1	8	8.0	4232	9070	0	0	0.0	8.0	0.1
data3-8-23-05244.txt	8	3	23	13	0.2	13	13.0	4232	9170	0	0	0.0	13.0	0.1
data3-8-23-05245.txt	8	3	23	8	0.1	8	8.0	4232	9137	0	0	0.0	8.0	0.1
data3-8-23-05246.txt	8	3	23	9	0.1	9	9.0	4232	9106	0	0	0.0	9.0	0.1
data3-8-23-05247.txt	8	3	23	6	0.1	6	6.0	4232	8986	0	0	0.0	6.0	0.1
data3-8-23-05248.txt	8	3	23	10	0.1	10	10.0	4232	9185	0	0	0.0	10.0	0.1
data3-8-23-05249.txt	8	3	23	8	0.1	8	8.0	4232	9007	0	0	0.0	8.0	0.1
data3-8-23-05250.txt	8	3	23	7	0.1	7	7.0	4232	9051	0	0	0.0	7.0	0.1
data3-8-23-05251.txt	8	3	23	9	0.1	9	9.0	4232	9128	0	1	0.0	8.0	0.1
data3-8-23-05252.txt	8	3	23	9	0.1	9	9.0	4232	9092	0	0	0.0	9.0	0.1
data3-8-23-05253.txt	8	3	23	15	0.2	15	15.0	4232	9197	0	0	0.0	15.0	0.1
data3-8-23-05254.txt	8	3	23	8	0.2	8	8.0	4232	8991	0	0	0.0	8.0	0.1
data3-8-23-05255.txt	8	3	23	11	0.1	11	11.0	4232	9173	0	0	0.0	11.0	0.1
data3-8-23-05256.txt	8	3	23	8	0.1	8	8.0	4232	9088	0	0	0.0	8.0	0.1
data3-8-23-05257.txt	8	3	23	7	0.1	7	7.0	4232	9040	0	0	0.0	7.0	0.1
data3-8-23-05258.txt	8	3	23	9	0.1	9	9.0	4232	9089	0	0	0.0	9.0	0.1
data3-8-23-05259.txt	8	3	23	12	0.1	12	12.0	4232	9229	0	0	0.0	12.0	0.1
data3-8-23-05260.txt	8	3	23	9	0.1	9	9.0	4232	9191	0	0	0.0	9.0	0.1
data3-8-23-05261.txt	8	3	23	12	0.1	12	12.0	4232	9211	0	0	0.0	11.5	0.1
data3-8-23-05262.txt	8	3	23	8	0.1	8	8.0	4232	9049	0	0	0.0	8.0	0.1
data3-8-23-05263.txt	8	3	23	10	0.1	10	10.0	4232	9152	0	0	0.0	10.0	0.1
data3-8-23-05264.txt	8	3	23	5	0.1	5	5.0	4232	9062	0	0	0.0	5.0	0.1
data3-8-23-05265.txt	8	3	23	8	0.1	8	8.0	4232	9105	0	0	0.0	8.0	0.1
data3-8-23-05266.txt	8	3	23	10	0.1	10	10.0	4232	9093	0	0	0.0	10.0	0.1
data3-8-23-05267.txt	8	3	23	13	0.3	13	13.0	4232	9403	0	0	0.0	13.0	0.1
data3-8-23-05268.txt	8	3	23	12	0.3	12	12.0	4232	9271	0	0	0.0	12.0	0.1
data3-8-23-05269.txt	8	3	23	11	0.1	11	11.0	4232	9243	0	0	0.0	11.0	0.1
data3-8-23-05270.txt	8	3	23	15	0.2	15	15.0	4232	9202	0	0	0.0	15.0	0.1
data3-8-23-05271.txt	8	3	23	10	0.1	10	10.0	4232	9204	0	0	0.0	10.0	0.1
data3-8-23-05272.txt	8	3	23	10	0.3	10	10.0	4232	9282	0	0	0.0	10.0	0.1
data3-8-23-05273.txt	8	3	23	15	0.2	15	15.0	4232	9215	0	0	0.0	15.0	0.1
data3-8-23-05274.txt	8	3	23	8	0.1	8	8.0	4232	9208	0	0	0.0	7.5	0.1
data3-8-23-05275.txt	8	3	23	11	0.1	11	11.0	4232	9139	0	0	0.0	11.0	0.1
data3-8-23-05276.txt	8	3	23	11	0.1	11	11.0	4232	9256	0	0	0.0	11.0	0.1
data3-8-23-05277.txt	8	3	23	10	0.1	10	10.0	4232	9131	0	0	0.0	10.0	0.1
data3-8-23-05278.txt	8	3	23	8	0.2	8	8.0	4232	9057	0	0	0.0	8.0	0.1
data3-8-23-05279.txt	8	3	23	12	0.1	12	12.0	4232	9174	0	0	0.0	11.5	0.1
data3-8-23-05280.txt	8	3	23	6	0.1	6	6.0	4232	8953	0	0	0.0	6.0	0.1
data3-8-23-05281.txt	8	3	23	6	0.1	6	6.0	4232	9156	0	0	0.0	6.0	0.1
data3-8-23-05282.txt	8	3	23	14	0.5	14	14.0	4232	9355	1	0	0.0	12.5	0.1
data3-8-23-05283.txt	8	3	23	11	0.2	11	11.0	4232	9175	0	0	0.0	11.0	0.1
data3-8-23-05284.txt	8	3	23	10	0.1	10	10.0	4232	9225	0	0	0.0	10.0	0.1
data3-8-23-05285.txt	8	3	23	11	0.1	11	11.0	4232	9231	0	0	0.0	11.0	0.1
data3-8-23-05286.txt	8	3	23	9	0.1	9	9.0	4232	9095	0	2	0.0	8.0	0.1
data3-8-23-05287.txt	8	3	23	13	0.1	13	13.0	4232	9177	0	0	0.0	13.0	0.1
data3-8-23-05288.txt	8	3	23	5	0.1	5	5.0	4232	9011	0	0	0.0	5.0	0.1
data3-8-23-05289.txt	8	3	23	11	0.1	11	11.0	4232	9152	0	0	0.0	11.0	0.1
data3-8-23-05290.txt	8	3	23	10	0.1	10	10.0	4232	9197	0	0	0.0	10.0	0.1
data3-8-23-05291.txt	8	3	23	8	0.1	8	8.0	4232	9045	0	0	0.0	8.0	0.1
data3-8-23-05292.txt	8	3	23	11	0.2	11	11.0	4232	9213	0	0	0.0	11.0	0.1
data3-8-23-05293.txt	8	3	23	10	0.1	10	10.0	4232	9237	0	0	0.0	10.0	0.1
data3-8-23-05294.txt	8	3	23	8	0.1	8	8.0	4232	9104	0	0	0.0	8.0	0.1
data3-8-23-05295.txt	8	3	23	10	0.1	10	10.0	4232	9088	0	0	0.0	10.0	0.1
data3-8-23-05296.txt	8	3	23	11	0.2	11	11.0	4232	9183	0	0	0.0	11.0	0.1
data3-8-23-05297.txt	8	3	23	10	0.1	10	10.0	4232	9126	0	0	0.0	10.0	0.1
data3-8-23-05298.txt	8	3	23	14	0.2	14	14.0	4232	9369	0	1	0.0	13.0	0.1
data3-8-23-05299.txt	8	3	23	8	0.1	8	8.0	4232	8997	0	0	0.0	8.0	0.1
data3-8-23-05300.txt	8	3	23	10	0.2	10	10.0	4232	9253	0	0	0.0	9.5	0.1
data3-9-24-07501.txt	9	3	24	12	0.2	12	12.0	5184	11228	0	0	0.0	12.0	0.1
data3-9-24-07502.txt	9	3	24	11	0.2	11	11.0	5184	11096	0	0	0.0	11.0	0.1
data3-9-24-07503.txt	9	3	24	13	0.2	13	13.0	5184	11355	0	0	0.0	13.0	0.1
data3-9-24-07504.txt	9	3	24	10	0.3	10	10.0	5184	11226	0	0	0.0	10.0	0.1
data3-9-24-07505.txt	9	3	24	7	0.2	7	7.0	5184	11291	0	0	0.0	7.0	0.1
data3-9-24-07506.txt	9	3	24	9	0.2	9	9.0	5184	11110	0	0	0.0	9.0	0.1
data3-9-24-07507.txt	9	3	24	8	0.2	8	8.0	5184	11149	0	0	0.0	8.0	0.1
data3-9-24-07508.txt	9	3	24	5	0.1	5	5.0	5184	10953	0	0	0.0	5.0	0.1
data3-9-24-07509.txt	9	3	24	7	0.2	7	7.0	5184	10919	0	0	0.0	7.0	0.1
data3-9-24-07510.txt	9	3	24	9	0.2	9	9.0	5184	11023	0	0	0.0	9.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-9-24-07511.txt	9	3	24	10	0.1	10	10.0	5184	11074	0	0	0.0	10.0	0.1
data3-9-24-07512.txt	9	3	24	8	0.1	8	8.0	5184	11102	0	0	0.0	8.0	0.1
data3-9-24-07513.txt	9	3	24	9	0.2	9	9.0	5184	11170	0	0	0.0	9.0	0.1
data3-9-24-07514.txt	9	3	24	14	0.2	14	14.0	5184	11181	0	0	0.0	14.0	0.1
data3-9-24-07515.txt	9	3	24	8	0.1	8	8.0	5184	11067	0	0	0.0	8.0	0.1
data3-9-24-07516.txt	9	3	24	9	0.2	9	9.0	5184	11119	0	0	0.0	9.0	0.1
data3-9-24-07517.txt	9	3	24	11	0.1	11	11.0	5184	11089	0	0	0.0	11.0	0.1
data3-9-24-07518.txt	9	3	24	7	0.1	7	7.0	5184	10925	0	0	0.0	7.0	0.1
data3-9-24-07519.txt	9	3	24	10	0.2	10	10.0	5184	11243	0	0	0.0	10.0	0.1
data3-9-24-07520.txt	9	3	24	9	0.2	9	9.0	5184	11285	0	0	0.0	9.0	0.1
data3-9-24-07521.txt	9	3	24	11	0.2	11	11.0	5184	11166	0	0	0.0	11.0	0.1
data3-9-24-07522.txt	9	3	24	8	0.2	8	8.0	5184	11149	0	0	0.0	8.0	0.1
data3-9-24-07523.txt	9	3	24	11	0.2	11	11.0	5184	11283	0	0	0.0	11.0	0.1
data3-9-24-07524.txt	9	3	24	9	0.2	9	9.0	5184	11174	0	0	0.0	9.0	0.1
data3-9-24-07525.txt	9	3	24	7	0.2	7	7.0	5184	11155	0	0	0.0	7.0	0.1
data3-9-24-07526.txt	9	3	24	6	0.2	6	6.0	5184	11134	0	0	0.0	6.0	0.1
data3-9-24-07527.txt	9	3	24	9	0.2	9	9.0	5184	11099	0	0	0.0	9.0	0.1
data3-9-24-07528.txt	9	3	24	7	0.1	7	7.0	5184	10890	0	0	0.0	7.0	0.1
data3-9-24-07529.txt	9	3	24	12	0.2	12	12.0	5184	11380	0	0	0.0	12.0	0.1
data3-9-24-07530.txt	9	3	24	13	0.2	13	13.0	5184	11426	0	0	0.0	13.0	0.2
data3-9-24-07531.txt	9	3	24	12	0.2	12	12.0	5184	11253	0	0	0.0	12.0	0.1
data3-9-24-07532.txt	9	3	24	13	0.2	13	13.0	5184	11355	0	0	0.0	13.0	0.2
data3-9-24-07533.txt	9	3	24	12	0.2	12	12.0	5184	11260	0	0	0.0	12.0	0.1
data3-9-24-07534.txt	9	3	24	7	0.1	7	7.0	5184	11053	0	0	0.0	7.0	0.1
data3-9-24-07535.txt	9	3	24	12	0.2	12	12.0	5184	11200	0	0	0.0	12.0	0.1
data3-9-24-07536.txt	9	3	24	12	0.2	12	12.0	5184	11238	0	0	0.0	12.0	0.1
data3-9-24-07537.txt	9	3	24	8	0.2	8	8.0	5184	11156	0	0	0.0	8.0	0.1
data3-9-24-07538.txt	9	3	24	13	0.2	13	13.0	5184	11282	0	0	0.0	13.0	0.1
data3-9-24-07539.txt	9	3	24	10	0.2	10	10.0	5184	11185	0	0	0.0	10.0	0.1
data3-9-24-07540.txt	9	3	24	8	0.1	8	8.0	5184	11056	0	0	0.0	8.0	0.1
data3-9-24-07541.txt	9	3	24	9	0.2	9	9.0	5184	11156	0	0	0.0	9.0	0.1
data3-9-24-07542.txt	9	3	24	13	0.2	13	13.0	5184	11201	0	0	0.0	13.0	0.1
data3-9-24-07543.txt	9	3	24	10	0.2	10	10.0	5184	11247	0	0	0.0	10.0	0.1
data3-9-24-07544.txt	9	3	24	8	0.2	8	8.0	5184	11120	0	0	0.0	8.0	0.1
data3-9-24-07545.txt	9	3	24	14	0.2	14	14.0	5184	11265	0	0	0.0	14.0	0.1
data3-9-24-07546.txt	9	3	24	9	0.2	9	9.0	5184	11166	0	0	0.0	9.0	0.1
data3-9-24-07547.txt	9	3	24	11	0.2	11	11.0	5184	11286	0	0	0.0	11.0	0.1
data3-9-24-07548.txt	9	3	24	14	0.2	14	14.0	5184	11232	0	0	0.0	14.0	0.1
data3-9-24-07549.txt	9	3	24	9	0.2	9	9.0	5184	11067	0	0	0.0	9.0	0.1
data3-9-24-07550.txt	9	3	24	9	0.2	9	9.0	5184	11130	0	0	0.0	9.0	0.1
data3-9-24-07551.txt	9	3	24	9	0.2	9	9.0	5184	11019	0	0	0.0	9.0	0.1
data3-9-24-07552.txt	9	3	24	10	0.2	10	10.0	5184	11369	0	0	0.0	10.0	0.1
data3-9-24-07553.txt	9	3	24	10	0.2	10	10.0	5184	11214	0	0	0.0	10.0	0.1
data3-9-24-07554.txt	9	3	24	12	0.2	12	12.0	5184	11297	0	0	0.0	12.0	0.1
data3-9-24-07555.txt	9	3	24	9	0.2	9	9.0	5184	11026	0	0	0.0	9.0	0.1
data3-9-24-07556.txt	9	3	24	7	0.1	7	7.0	5184	11010	0	0	0.0	7.0	0.1
data3-9-24-07557.txt	9	3	24	10	0.1	10	10.0	5184	11040	0	0	0.0	10.0	0.1
data3-9-24-07558.txt	9	3	24	8	0.1	8	8.0	5184	11010	0	0	0.0	8.0	0.1
data3-9-24-07559.txt	9	3	24	6	0.1	6	6.0	5184	10937	0	0	0.0	6.0	0.1
data3-9-24-07560.txt	9	3	24	12	0.2	12	12.0	5184	11346	0	0	0.0	12.0	0.1
data3-9-24-07561.txt	9	3	24	8	0.1	8	8.0	5184	11087	0	0	0.0	8.0	0.1
data3-9-24-07562.txt	9	3	24	10	0.2	10	10.0	5184	11178	0	0	0.0	10.0	0.1
data3-9-24-07563.txt	9	3	24	12	0.2	12	12.0	5184	11373	0	0	0.0	12.0	0.1
data3-9-24-07564.txt	9	3	24	11	0.2	11	11.0	5184	11159	0	0	0.0	11.0	0.1
data3-9-24-07565.txt	9	3	24	10	0.2	10	10.0	5184	11172	0	0	0.0	10.0	0.1
data3-9-24-07566.txt	9	3	24	10	0.1	10	10.0	5184	11075	0	0	0.0	10.0	0.1
data3-9-24-07567.txt	9	3	24	12	0.2	12	12.0	5184	11194	0	0	0.0	12.0	0.1
data3-9-24-07568.txt	9	3	24	6	0.2	6	6.0	5184	11159	0	0	0.0	6.0	0.1
data3-9-24-07569.txt	9	3	24	11	0.3	11	11.0	5184	11185	0	0	0.0	10.5	0.1
data3-9-24-07570.txt	9	3	24	8	0.1	8	8.0	5184	11067	0	0	0.0	8.0	0.1
data3-9-24-07571.txt	9	3	24	13	0.2	13	13.0	5184	11442	0	0	0.0	13.0	0.2
data3-9-24-07572.txt	9	3	24	12	0.2	12	12.0	5184	11364	0	0	0.0	12.0	0.1
data3-9-24-07573.txt	9	3	24	10	0.2	10	10.0	5184	11265	0	0	0.0	10.0	0.1
data3-9-24-07574.txt	9	3	24	11	0.2	11	11.0	5184	11145	0	0	0.0	11.0	0.1
data3-9-24-07575.txt	9	3	24	13	0.2	13	13.0	5184	11417	0	0	0.0	13.0	0.2
data3-9-24-07576.txt	9	3	24	11	0.2	11	11.0	5184	11127	0	0	0.0	11.0	0.1
data3-9-24-07577.txt	9	3	24	9	0.2	9	9.0	5184	11246	0	0	0.0	9.0	0.1
data3-9-24-07578.txt	9	3	24	7	0.2	7	7.0	5184	11085	0	0	0.0	7.0	0.1
data3-9-24-07579.txt	9	3	24	10	0.2	10	10.0	5184	11076	0	0	0.0	10.0	0.1
data3-9-24-07580.txt	9	3	24	8	0.2	8	8.0	5184	11163	0	0	0.0	8.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-9-24-07581.txt	9	3	24	14	0.3	14	14.0	5184	11434	0	0	0.0	13.0	0.2
data3-9-24-07582.txt	9	3	24	12	0.2	12	12.0	5184	11324	0	0	0.0	11.0	0.1
data3-9-24-07583.txt	9	3	24	13	0.2	13	13.0	5184	11164	0	0	0.0	13.0	0.1
data3-9-24-07584.txt	9	3	24	10	0.2	10	10.0	5184	11168	0	0	0.0	10.0	0.1
data3-9-24-07585.txt	9	3	24	8	0.2	8	8.0	5184	11122	0	0	0.0	8.0	0.1
data3-9-24-07586.txt	9	3	24	10	0.3	10	10.0	5184	11333	0	0	0.0	10.0	0.1
data3-9-24-07587.txt	9	3	24	11	0.2	11	11.0	5184	11240	0	0	0.0	11.0	0.1
data3-9-24-07588.txt	9	3	24	5	0.2	5	5.0	5184	11005	0	0	0.0	5.0	0.1
data3-9-24-07589.txt	9	3	24	12	0.2	12	12.0	5184	11107	0	0	0.0	12.0	0.1
data3-9-24-07590.txt	9	3	24	9	0.2	9	9.0	5184	11211	0	0	0.0	9.0	0.1
data3-9-24-07591.txt	9	3	24	7	0.2	7	7.0	5184	11100	0	0	0.0	7.0	0.1
data3-9-24-07592.txt	9	3	24	9	0.2	9	9.0	5184	11266	0	0	0.0	9.0	0.1
data3-9-24-07593.txt	9	3	24	10	0.2	10	10.0	5184	11304	0	0	0.0	10.0	0.1
data3-9-24-07594.txt	9	3	24	8	0.2	8	8.0	5184	11106	0	0	0.0	8.0	0.1
data3-9-24-07595.txt	9	3	24	5	0.1	5	5.0	5184	11117	0	0	0.0	5.0	0.1
data3-9-24-07596.txt	9	3	24	7	0.1	7	7.0	5184	11119	0	0	0.0	7.0	0.1
data3-9-24-07597.txt	9	3	24	7	0.1	7	7.0	5184	11006	0	0	0.0	7.0	0.1
data3-9-24-07598.txt	9	3	24	10	0.2	10	10.0	5184	11175	0	0	0.0	10.0	0.1
data3-9-24-07599.txt	9	3	24	12	0.2	12	12.0	5184	11263	0	0	0.0	11.5	0.1
data3-9-24-07600.txt	9	3	24	10	0.2	10	10.0	5184	11224	0	0	0.0	10.0	0.1
data3-9-25-07601.txt	9	3	25	9	0.2	9	9.0	5625	12111	0	0	0.0	9.0	0.1
data3-9-25-07602.txt	9	3	25	5	0.1	5	5.0	5625	11926	0	0	0.0	5.0	0.1
data3-9-25-07603.txt	9	3	25	11	0.2	11	11.0	5625	12275	0	0	0.0	11.0	0.1
data3-9-25-07604.txt	9	3	25	11	0.2	11	11.0	5625	12181	0	0	0.0	11.0	0.1
data3-9-25-07605.txt	9	3	25	7	0.1	7	7.0	5625	12110	0	0	0.0	7.0	0.1
data3-9-25-07606.txt	9	3	25	13	0.2	13	13.0	5625	12334	0	0	0.0	12.5	0.2
data3-9-25-07607.txt	9	3	25	9	0.2	9	9.0	5625	12011	0	0	0.0	9.0	0.1
data3-9-25-07608.txt	9	3	25	8	0.1	8	8.0	5625	11950	0	0	0.0	8.0	0.1
data3-9-25-07609.txt	9	3	25	8	0.2	8	8.0	5625	12153	0	0	0.0	8.0	0.1
data3-9-25-07610.txt	9	3	25	8	0.1	8	8.0	5625	11776	0	0	0.0	8.0	0.1
data3-9-25-07611.txt	9	3	25	14	0.3	14	14.0	5625	12309	0	0	0.0	14.0	0.2
data3-9-25-07612.txt	9	3	25	9	0.2	9	9.0	5625	12168	0	0	0.0	9.0	0.1
data3-9-25-07613.txt	9	3	25	11	0.2	11	11.0	5625	12219	0	0	0.0	11.0	0.1
data3-9-25-07614.txt	9	3	25	7	0.1	7	7.0	5625	11867	0	0	0.0	7.0	0.1
data3-9-25-07615.txt	9	3	25	10	0.2	10	10.0	5625	12150	0	0	0.0	10.0	0.1
data3-9-25-07616.txt	9	3	25	8	0.2	8	8.0	5625	12174	0	0	0.0	8.0	0.1
data3-9-25-07617.txt	9	3	25	11	0.2	11	11.0	5625	12114	0	0	0.0	11.0	0.1
data3-9-25-07618.txt	9	3	25	13	0.2	13	13.0	5625	12055	0	0	0.0	12.5	0.1
data3-9-25-07619.txt	9	3	25	12	0.2	12	12.0	5625	12259	0	0	0.0	12.0	0.2
data3-9-25-07620.txt	9	3	25	11	0.2	11	11.0	5625	12037	0	0	0.0	11.0	0.1
data3-9-25-07621.txt	9	3	25	11	0.2	11	11.0	5625	12095	0	0	0.0	11.0	0.1
data3-9-25-07622.txt	9	3	25	13	0.2	13	13.0	5625	12122	0	0	0.0	13.0	0.1
data3-9-25-07623.txt	9	3	25	10	0.2	10	10.0	5625	12263	0	0	0.0	10.0	0.1
data3-9-25-07624.txt	9	3	25	11	0.2	11	11.0	5625	12312	0	0	0.0	11.0	0.1
data3-9-25-07625.txt	9	3	25	13	0.2	13	13.0	5625	12291	0	0	0.0	13.0	0.1
data3-9-25-07626.txt	9	3	25	10	0.2	10	10.0	5625	12104	0	0	0.0	10.0	0.1
data3-9-25-07627.txt	9	3	25	5	0.1	5	5.0	5625	11918	0	0	0.0	5.0	0.1
data3-9-25-07628.txt	9	3	25	7	0.1	7	7.0	5625	11909	0	0	0.0	7.0	0.1
data3-9-25-07629.txt	9	3	25	7	0.2	7	7.0	5625	12028	0	0	0.0	7.0	0.1
data3-9-25-07630.txt	9	3	25	10	0.1	10	10.0	5625	12024	0	0	0.0	10.0	0.1
data3-9-25-07631.txt	9	3	25	14	0.2	14	14.0	5625	12177	0	0	0.0	14.0	0.1
data3-9-25-07632.txt	9	3	25	13	0.2	13	13.0	5625	12166	0	0	0.0	13.0	0.1
data3-9-25-07633.txt	9	3	25	11	0.2	11	11.0	5625	12137	0	0	0.0	11.0	0.1
data3-9-25-07634.txt	9	3	25	9	0.2	9	9.0	5625	12071	0	0	0.0	9.0	0.1
data3-9-25-07635.txt	9	3	25	11	0.2	11	11.0	5625	12367	0	0	0.0	11.0	0.1
data3-9-25-07636.txt	9	3	25	13	0.2	13	13.0	5625	12289	0	0	0.0	12.5	0.2
data3-9-25-07637.txt	9	3	25	6	0.1	6	6.0	5625	11897	0	0	0.0	6.0	0.1
data3-9-25-07638.txt	9	3	25	12	0.2	12	12.0	5625	11996	0	0	0.0	12.0	0.1
data3-9-25-07639.txt	9	3	25	15	0.2	15	15.0	5625	12323	0	0	0.0	15.0	0.2
data3-9-25-07640.txt	9	3	25	10	0.2	10	10.0	5625	12002	0	0	0.0	10.0	0.1
data3-9-25-07641.txt	9	3	25	10	0.2	10	10.0	5625	12113	0	0	0.0	10.0	0.1
data3-9-25-07642.txt	9	3	25	11	0.2	11	11.0	5625	12284	0	0	0.0	11.0	0.1
data3-9-25-07643.txt	9	3	25	14	0.2	14	14.0	5625	12254	0	0	0.0	14.0	0.2
data3-9-25-07644.txt	9	3	25	11	0.1	11	11.0	5625	11985	0	0	0.0	11.0	0.1
data3-9-25-07645.txt	9	3	25	11	0.2	11	11.0	5625	12102	0	0	0.0	11.0	0.1
data3-9-25-07646.txt	9	3	25	8	0.1	8	8.0	5625	12113	0	0	0.0	8.0	0.1
data3-9-25-07647.txt	9	3	25	8	0.2	8	8.0	5625	12140	0	0	0.0	8.0	0.1
data3-9-25-07648.txt	9	3	25	8	0.2	8	8.0	5625	12148	0	0	0.0	8.0	0.1
data3-9-25-07649.txt	9	3	25	12	0.2	12	12.0	5625	12415	0	0	0.0	12.0	0.2
data3-9-25-07650.txt	9	3	25	9	0.1	9	9.0	5625	11977	0	0	0.0	9.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-9-25-07651.txt	9	3	25	13	0.2	13	13.0	5625	12224	0	0	0.0	13.0	0.1
data3-9-25-07652.txt	9	3	25	9	0.1	9	9.0	5625	11994	0	0	0.0	9.0	0.1
data3-9-25-07653.txt	9	3	25	10	0.1	10	10.0	5625	11915	0	0	0.0	10.0	0.1
data3-9-25-07654.txt	9	3	25	8	0.1	8	8.0	5625	11949	0	0	0.0	8.0	0.1
data3-9-25-07655.txt	9	3	25	8	0.2	8	8.0	5625	12067	0	0	0.0	8.0	0.1
data3-9-25-07656.txt	9	3	25	11	0.2	11	11.0	5625	12099	0	0	0.0	11.0	0.1
data3-9-25-07657.txt	9	3	25	8	0.2	8	8.0	5625	12085	0	0	0.0	8.0	0.1
data3-9-25-07658.txt	9	3	25	9	0.1	9	9.0	5625	11993	0	0	0.0	9.0	0.1
data3-9-25-07659.txt	9	3	25	12	0.2	12	12.0	5625	12211	0	0	0.0	12.0	0.1
data3-9-25-07660.txt	9	3	25	12	0.2	12	12.0	5625	12230	0	0	0.0	12.0	0.1
data3-9-25-07661.txt	9	3	25	11	0.2	11	11.0	5625	12236	0	0	0.0	11.0	0.1
data3-9-25-07662.txt	9	3	25	12	0.2	12	12.0	5625	12235	0	0	0.0	11.5	0.1
data3-9-25-07663.txt	9	3	25	15	0.2	15	15.0	5625	12211	0	0	0.0	15.0	0.1
data3-9-25-07664.txt	9	3	25	8	0.2	8	8.0	5625	12061	0	0	0.0	8.0	0.1
data3-9-25-07665.txt	9	3	25	8	0.1	8	8.0	5625	11983	0	0	0.0	8.0	0.1
data3-9-25-07666.txt	9	3	25	12	0.2	12	12.0	5625	12213	0	1	0.0	11.0	0.1
data3-9-25-07667.txt	9	3	25	8	0.2	8	8.0	5625	12175	0	0	0.0	8.0	0.1
data3-9-25-07668.txt	9	3	25	15	0.3	15	15.0	5625	12444	0	0	0.0	15.0	0.2
data3-9-25-07669.txt	9	3	25	11	0.2	11	11.0	5625	12253	0	0	0.0	11.0	0.1
data3-9-25-07670.txt	9	3	25	5	0.1	5	5.0	5625	11807	0	0	0.0	5.0	0.1
data3-9-25-07671.txt	9	3	25	6	0.1	6	6.0	5625	11971	0	0	0.0	6.0	0.1
data3-9-25-07672.txt	9	3	25	9	0.1	9	9.0	5625	12051	0	0	0.0	9.0	0.1
data3-9-25-07673.txt	9	3	25	8	0.1	8	8.0	5625	12024	0	0	0.0	8.0	0.1
data3-9-25-07674.txt	9	3	25	10	0.1	10	10.0	5625	12047	0	0	0.0	10.0	0.1
data3-9-25-07675.txt	9	3	25	12	0.2	12	12.0	5625	12196	0	0	0.0	12.0	0.1
data3-9-25-07676.txt	9	3	25	10	0.1	10	10.0	5625	12022	0	0	0.0	10.0	0.1
data3-9-25-07677.txt	9	3	25	9	0.1	9	9.0	5625	12039	0	0	0.0	9.0	0.1
data3-9-25-07678.txt	9	3	25	11	0.1	11	11.0	5625	12091	0	0	0.0	11.0	0.1
data3-9-25-07679.txt	9	3	25	12	0.2	12	12.0	5625	12291	0	0	0.0	12.0	0.1
data3-9-25-07680.txt	9	3	25	9	0.2	9	9.0	5625	12075	0	0	0.0	9.0	0.1
data3-9-25-07681.txt	9	3	25	11	0.2	11	11.0	5625	12274	0	0	0.0	11.0	0.1
data3-9-25-07682.txt	9	3	25	11	0.2	11	11.0	5625	12270	0	0	0.0	11.0	0.1
data3-9-25-07683.txt	9	3	25	5	0.1	5	5.0	5625	11933	0	0	0.0	5.0	0.1
data3-9-25-07684.txt	9	3	25	7	0.2	7	7.0	5625	12083	0	0	0.0	7.0	0.1
data3-9-25-07685.txt	9	3	25	8	0.1	8	8.0	5625	12056	0	0	0.0	8.0	0.1
data3-9-25-07686.txt	9	3	25	13	0.2	13	13.0	5625	12359	0	0	0.0	13.0	0.1
data3-9-25-07687.txt	9	3	25	10	0.2	10	10.0	5625	12096	0	0	0.0	10.0	0.1
data3-9-25-07688.txt	9	3	25	11	0.2	11	11.0	5625	12088	0	0	0.0	11.0	0.1
data3-9-25-07689.txt	9	3	25	8	0.1	8	8.0	5625	11992	0	0	0.0	8.0	0.1
data3-9-25-07690.txt	9	3	25	14	0.3	14	14.0	5625	12247	0	0	0.0	14.0	0.2
data3-9-25-07691.txt	9	3	25	10	0.2	10	10.0	5625	12207	0	0	0.0	10.0	0.1
data3-9-25-07692.txt	9	3	25	13	0.2	13	13.0	5625	12174	0	0	0.0	13.0	0.2
data3-9-25-07693.txt	9	3	25	12	0.2	12	12.0	5625	12202	0	0	0.0	12.0	0.1
data3-9-25-07694.txt	9	3	25	5	0.1	5	5.0	5625	11896	0	0	0.0	5.0	0.1
data3-9-25-07695.txt	9	3	25	6	0.2	6	6.0	5625	12075	0	0	0.0	6.0	0.1
data3-9-25-07696.txt	9	3	25	7	0.2	7	7.0	5625	12072	0	0	0.0	7.0	0.1
data3-9-25-07697.txt	9	3	25	12	0.2	12	12.0	5625	12101	0	0	0.0	12.0	0.1
data3-9-25-07698.txt	9	3	25	10	0.2	10	10.0	5625	12032	0	0	0.0	10.0	0.1
data3-9-25-07699.txt	9	3	25	12	0.2	12	12.0	5625	12095	0	0	0.0	12.0	0.1
data3-9-25-07700.txt	9	3	25	9	0.2	9	9.0	5625	12118	0	0	0.0	9.0	0.1
data3-9-26-07701.txt	9	3	26	11	0.1	11	11.0	6084	13065	0	0	0.0	11.0	0.1
data3-9-26-07702.txt	9	3	26	12	0.2	12	12.0	6084	13162	0	0	0.0	12.0	0.1
data3-9-26-07703.txt	9	3	26	12	0.2	12	12.0	6084	13179	0	0	0.0	12.0	0.1
data3-9-26-07704.txt	9	3	26	13	0.2	13	13.0	6084	13216	0	0	0.0	13.0	0.1
data3-9-26-07705.txt	9	3	26	12	0.2	12	12.0	6084	13227	0	0	0.0	12.0	0.1
data3-9-26-07706.txt	9	3	26	14	0.2	14	14.0	6084	13266	0	0	0.0	14.0	0.1
data3-9-26-07707.txt	9	3	26	11	0.2	11	11.0	6084	13031	0	0	0.0	11.0	0.1
data3-9-26-07708.txt	9	3	26	11	0.2	11	11.0	6084	13156	0	0	0.0	11.0	0.1
data3-9-26-07709.txt	9	3	26	12	0.2	12	12.0	6084	13166	0	0	0.0	12.0	0.2
data3-9-26-07710.txt	9	3	26	10	0.2	10	10.0	6084	13237	0	0	0.0	10.0	0.1
data3-9-26-07711.txt	9	3	26	11	0.2	11	11.0	6084	13115	0	0	0.0	11.0	0.1
data3-9-26-07712.txt	9	3	26	10	0.2	10	10.0	6084	13041	0	0	0.0	10.0	0.1
data3-9-26-07713.txt	9	3	26	15	0.2	15	15.0	6084	13342	0	0	0.0	15.0	0.1
data3-9-26-07714.txt	9	3	26	11	0.2	11	11.0	6084	13085	0	0	0.0	11.0	0.1
data3-9-26-07715.txt	9	3	26	15	0.3	15	15.0	6084	13521	0	0	0.0	15.0	0.2
data3-9-26-07716.txt	9	3	26	10	0.2	10	10.0	6084	12988	0	0	0.0	10.0	0.1
data3-9-26-07717.txt	9	3	26	13	0.2	13	13.0	6084	13128	0	0	0.0	13.0	0.1
data3-9-26-07718.txt	9	3	26	10	0.2	10	10.0	6084	13040	0	0	0.0	10.0	0.1
data3-9-26-07719.txt	9	3	26	12	0.2	12	12.0	6084	13107	0	0	0.0	12.0	0.1
data3-9-26-07720.txt	9	3	26	14	0.2	14	14.0	6084	13244	0	0	0.0	13.5	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-9-26-07721.txt	9	3	26	13	0.2	13	13.0	6084	13147	0	0	0.0	13.0	0.1
data3-9-26-07722.txt	9	3	26	10	0.2	10	10.0	6084	13250	0	0	0.0	10.0	0.1
data3-9-26-07723.txt	9	3	26	10	0.2	10	10.0	6084	13410	0	0	0.0	10.0	0.2
data3-9-26-07724.txt	9	3	26	11	0.2	11	11.0	6084	13054	0	0	0.0	11.0	0.1
data3-9-26-07725.txt	9	3	26	11	0.2	11	11.0	6084	13182	0	0	0.0	11.0	0.1
data3-9-26-07726.txt	9	3	26	7	0.2	7	7.0	6084	13014	0	0	0.0	7.0	0.1
data3-9-26-07727.txt	9	3	26	11	0.2	11	11.0	6084	13230	0	0	0.0	11.0	0.2
data3-9-26-07728.txt	9	3	26	11	0.2	11	11.0	6084	13340	0	0	0.0	11.0	0.2
data3-9-26-07729.txt	9	3	26	12	0.2	12	12.0	6084	13152	0	0	0.0	12.0	0.1
data3-9-26-07730.txt	9	3	26	14	0.2	14	14.0	6084	13346	0	0	0.0	14.0	0.2
data3-9-26-07731.txt	9	3	26	13	0.2	13	13.0	6084	13201	0	0	0.0	13.0	0.2
data3-9-26-07732.txt	9	3	26	7	0.2	7	7.0	6084	12847	0	0	0.0	7.0	0.1
data3-9-26-07733.txt	9	3	26	13	0.2	13	13.0	6084	13067	0	0	0.0	13.0	0.1
data3-9-26-07734.txt	9	3	26	10	0.2	10	10.0	6084	13018	0	0	0.0	10.0	0.1
data3-9-26-07735.txt	9	3	26	13	0.2	13	13.0	6084	13276	0	0	0.0	13.0	0.1
data3-9-26-07736.txt	9	3	26	13	0.2	13	13.0	6084	13252	0	0	0.0	13.0	0.1
data3-9-26-07737.txt	9	3	26	12	0.2	12	12.0	6084	13063	0	0	0.0	12.0	0.1
data3-9-26-07738.txt	9	3	26	8	0.2	8	8.0	6084	13084	0	0	0.0	8.0	0.1
data3-9-26-07739.txt	9	3	26	10	0.2	10	10.0	6084	13168	0	0	0.0	10.0	0.1
data3-9-26-07740.txt	9	3	26	13	0.2	13	13.0	6084	13096	0	0	0.0	13.0	0.1
data3-9-26-07741.txt	9	3	26	12	0.2	12	12.0	6084	13155	0	0	0.0	12.0	0.1
data3-9-26-07742.txt	9	3	26	10	0.2	10	10.0	6084	13191	0	0	0.0	10.0	0.1
data3-9-26-07743.txt	9	3	26	12	0.2	12	12.0	6084	13137	0	0	0.0	12.0	0.2
data3-9-26-07744.txt	9	3	26	11	0.2	11	11.0	6084	13147	0	0	0.0	11.0	0.1
data3-9-26-07745.txt	9	3	26	11	0.2	11	11.0	6084	13192	0	0	0.0	11.0	0.1
data3-9-26-07746.txt	9	3	26	11	0.2	11	11.0	6084	13205	0	0	0.0	11.0	0.1
data3-9-26-07747.txt	9	3	26	15	0.2	15	15.0	6084	13148	0	0	0.0	15.0	0.1
data3-9-26-07748.txt	9	3	26	10	0.2	10	10.0	6084	13185	0	0	0.0	10.0	0.1
data3-9-26-07749.txt	9	3	26	5	0.1	5	5.0	6084	12871	0	0	0.0	5.0	0.1
data3-9-26-07750.txt	9	3	26	13	0.2	13	13.0	6084	13082	0	0	0.0	13.0	0.1
data3-9-26-07751.txt	9	3	26	10	0.2	10	10.0	6084	13077	0	0	0.0	10.0	0.1
data3-9-26-07752.txt	9	3	26	12	0.2	12	12.0	6084	13355	0	0	0.0	12.0	0.1
data3-9-26-07753.txt	9	3	26	10	0.2	10	10.0	6084	13062	0	0	0.0	10.0	0.1
data3-9-26-07754.txt	9	3	26	11	0.2	11	11.0	6084	12970	0	0	0.0	11.0	0.1
data3-9-26-07755.txt	9	3	26	13	0.2	13	13.0	6084	13019	0	0	0.0	13.0	0.1
data3-9-26-07756.txt	9	3	26	12	0.2	12	12.0	6084	13136	0	0	0.0	12.0	0.1
data3-9-26-07757.txt	9	3	26	9	0.2	9	9.0	6084	12932	0	0	0.0	9.0	0.1
data3-9-26-07758.txt	9	3	26	9	0.2	9	9.0	6084	13304	0	0	0.0	9.0	0.1
data3-9-26-07759.txt	9	3	26	13	0.2	13	13.0	6084	13284	0	0	0.0	13.0	0.2
data3-9-26-07760.txt	9	3	26	8	0.2	8	8.0	6084	12955	0	0	0.0	8.0	0.1
data3-9-26-07761.txt	9	3	26	14	0.3	14	14.0	6084	13329	0	0	0.0	13.0	0.2
data3-9-26-07762.txt	9	3	26	16	0.3	16	16.0	6084	13467	0	0	0.0	16.0	0.2
data3-9-26-07763.txt	9	3	26	6	0.2	6	6.0	6084	12896	0	0	0.0	6.0	0.1
data3-9-26-07764.txt	9	3	26	11	0.2	11	11.0	6084	13196	0	0	0.0	11.0	0.1
data3-9-26-07765.txt	9	3	26	7	0.2	7	7.0	6084	13060	0	0	0.0	7.0	0.1
data3-9-26-07766.txt	9	3	26	12	0.2	12	12.0	6084	13291	0	0	0.0	12.0	0.1
data3-9-26-07767.txt	9	3	26	11	0.2	11	11.0	6084	13305	0	0	0.0	10.5	0.1
data3-9-26-07768.txt	9	3	26	11	0.2	11	11.0	6084	13160	0	0	0.0	11.0	0.1
data3-9-26-07769.txt	9	3	26	6	0.2	6	6.0	6084	12964	0	0	0.0	6.0	0.1
data3-9-26-07770.txt	9	3	26	12	0.2	12	12.0	6084	13210	0	0	0.0	12.0	0.2
data3-9-26-07771.txt	9	3	26	12	0.2	12	12.0	6084	12988	0	0	0.0	12.0	0.1
data3-9-26-07772.txt	9	3	26	13	0.2	13	13.0	6084	13021	0	0	0.0	13.0	0.1
data3-9-26-07773.txt	9	3	26	10	0.2	10	10.0	6084	12869	0	0	0.0	10.0	0.1
data3-9-26-07774.txt	9	3	26	9	0.2	9	9.0	6084	12961	0	0	0.0	8.5	0.1
data3-9-26-07775.txt	9	3	26	13	0.2	13	13.0	6084	13007	0	0	0.0	13.0	0.1
data3-9-26-07776.txt	9	3	26	12	0.2	12	12.0	6084	13091	0	0	0.0	12.0	0.1
data3-9-26-07777.txt	9	3	26	11	0.2	11	11.0	6084	13110	0	0	0.0	11.0	0.1
data3-9-26-07778.txt	9	3	26	13	0.2	13	13.0	6084	13209	0	0	0.0	13.0	0.1
data3-9-26-07779.txt	9	3	26	8	0.2	8	8.0	6084	12925	0	0	0.0	8.0	0.1
data3-9-26-07780.txt	9	3	26	12	0.2	12	12.0	6084	13252	0	0	0.0	11.0	0.1
data3-9-26-07781.txt	9	3	26	13	0.2	13	13.0	6084	13255	0	0	0.0	13.0	0.2
data3-9-26-07782.txt	9	3	26	9	0.2	9	9.0	6084	13031	0	0	0.0	9.0	0.1
data3-9-26-07783.txt	9	3	26	11	0.2	11	11.0	6084	13284	0	0	0.0	11.0	0.1
data3-9-26-07784.txt	9	3	26	13	0.2	13	13.0	6084	13047	0	1	0.0	12.0	0.1
data3-9-26-07785.txt	9	3	26	14	0.2	14	14.0	6084	13360	0	0	0.0	14.0	0.1
data3-9-26-07786.txt	9	3	26	10	0.2	10	10.0	6084	13177	0	0	0.0	10.0	0.1
data3-9-26-07787.txt	9	3	26	11	0.2	11	11.0	6084	13059	0	1	0.0	10.0	0.1
data3-9-26-07788.txt	9	3	26	13	0.2	13	13.0	6084	13117	0	0	0.0	13.0	0.1
data3-9-26-07789.txt	9	3	26	11	0.2	11	11.0	6084	13057	0	0	0.0	11.0	0.1
data3-9-26-07790.txt	9	3	26	16	0.2	16	16.0	6084	13133	0	0	0.0	16.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-9-26-07791.txt	9	3	26	9	0.2	9	9.0	6084	13128	0	0	0.0	9.0	0.1
data3-9-26-07792.txt	9	3	26	16	0.3	16	16.0	6084	13456	0	0	0.0	16.0	0.2
data3-9-26-07793.txt	9	3	26	8	0.2	8	8.0	6084	13050	0	0	0.0	8.0	0.1
data3-9-26-07794.txt	9	3	26	8	0.2	8	8.0	6084	12946	0	0	0.0	8.0	0.1
data3-9-26-07795.txt	9	3	26	11	0.2	11	11.0	6084	13166	0	0	0.0	10.0	0.1
data3-9-26-07796.txt	9	3	26	13	0.2	13	13.0	6084	13162	0	0	0.0	13.0	0.1
data3-9-26-07797.txt	9	3	26	13	0.2	13	13.0	6084	13313	0	0	0.0	13.0	0.1
data3-9-26-07798.txt	9	3	26	9	0.1	9	9.0	6084	12911	0	0	0.0	9.0	0.1
data3-9-26-07799.txt	9	3	26	15	0.2	15	15.0	6084	13119	0	0	0.0	15.0	0.2
data3-9-26-07800.txt	9	3	26	13	0.3	13	13.0	6084	13347	0	0	0.0	12.2	0.2
data3-10-27-10001.txt	10	3	27	14	0.3	14	14.0	7290	15992	0	0	0.0	14.0	0.2
data3-10-27-10002.txt	10	3	27	6	0.2	6	6.0	7290	15344	0	0	0.0	6.0	0.1
data3-10-27-10003.txt	10	3	27	11	0.2	11	11.0	7290	15468	0	0	0.0	11.0	0.2
data3-10-27-10004.txt	10	3	27	12	0.2	12	12.0	7290	15719	0	0	0.0	12.0	0.2
data3-10-27-10005.txt	10	3	27	14	0.2	14	14.0	7290	15794	0	0	0.0	14.0	0.2
data3-10-27-10006.txt	10	3	27	8	0.2	8	8.0	7290	15456	0	0	0.0	8.0	0.2
data3-10-27-10007.txt	10	3	27	12	0.3	12	12.0	7290	15813	0	0	0.0	11.0	0.2
data3-10-27-10008.txt	10	3	27	7	0.2	7	7.0	7290	15619	0	0	0.0	7.0	0.2
data3-10-27-10009.txt	10	3	27	14	0.3	14	14.0	7290	15824	0	0	0.0	14.0	0.2
data3-10-27-10010.txt	10	3	27	10	0.2	10	10.0	7290	15602	0	0	0.0	10.0	0.2
data3-10-27-10011.txt	10	3	27	9	0.2	9	9.0	7290	15657	0	0	0.0	9.0	0.2
data3-10-27-10012.txt	10	3	27	10	0.2	10	10.0	7290	15396	0	0	0.0	10.0	0.2
data3-10-27-10013.txt	10	3	27	7	0.2	7	7.0	7290	15420	0	0	0.0	7.0	0.2
data3-10-27-10014.txt	10	3	27	11	0.3	11	11.0	7290	15782	0	0	0.0	11.0	0.2
data3-10-27-10015.txt	10	3	27	9	0.2	9	9.0	7290	15613	0	0	0.0	9.0	0.2
data3-10-27-10016.txt	10	3	27	13	0.2	13	13.0	7290	15726	0	0	0.0	13.0	0.2
data3-10-27-10017.txt	10	3	27	12	0.2	12	12.0	7290	15541	0	0	0.0	12.0	0.2
data3-10-27-10018.txt	10	3	27	14	0.3	14	14.0	7290	15976	0	0	0.0	14.0	0.2
data3-10-27-10019.txt	10	3	27	9	0.2	9	9.0	7290	15528	0	0	0.0	9.0	0.2
data3-10-27-10020.txt	10	3	27	8	0.2	8	8.0	7290	15449	0	0	0.0	8.0	0.2
data3-10-27-10021.txt	10	3	27	9	0.2	9	9.0	7290	15851	0	0	0.0	9.0	0.2
data3-10-27-10022.txt	10	3	27	11	0.2	11	11.0	7290	15630	0	0	0.0	11.0	0.2
data3-10-27-10023.txt	10	3	27	10	0.2	10	10.0	7290	15563	0	0	0.0	9.5	0.2
data3-10-27-10024.txt	10	3	27	9	0.2	9	9.0	7290	15525	0	0	0.0	9.0	0.2
data3-10-27-10025.txt	10	3	27	7	0.2	7	7.0	7290	15498	0	0	0.0	7.0	0.2
data3-10-27-10026.txt	10	3	27	13	0.3	13	13.0	7290	15821	0	0	0.0	12.5	0.2
data3-10-27-10027.txt	10	3	27	9	0.2	9	9.0	7290	15769	0	0	0.0	9.0	0.2
data3-10-27-10028.txt	10	3	27	9	0.2	9	9.0	7290	15533	0	0	0.0	9.0	0.2
data3-10-27-10029.txt	10	3	27	8	0.2	8	8.0	7290	15373	0	0	0.0	8.0	0.1
data3-10-27-10030.txt	10	3	27	11	0.2	11	11.0	7290	15622	0	0	0.0	11.0	0.2
data3-10-27-10031.txt	10	3	27	12	0.3	12	12.0	7290	15901	0	0	0.0	12.0	0.2
data3-10-27-10032.txt	10	3	27	12	0.3	12	12.0	7290	15941	0	0	0.0	12.0	0.2
data3-10-27-10033.txt	10	3	27	12	0.3	12	12.0	7290	15665	0	0	0.0	12.0	0.2
data3-10-27-10034.txt	10	3	27	9	0.2	9	9.0	7290	15529	0	0	0.0	9.0	0.2
data3-10-27-10035.txt	10	3	27	10	0.2	10	10.0	7290	15547	0	0	0.0	10.0	0.2
data3-10-27-10036.txt	10	3	27	15	0.3	15	15.0	7290	15963	0	0	0.0	14.5	0.2
data3-10-27-10037.txt	10	3	27	12	0.3	12	12.0	7290	15718	0	0	0.0	12.0	0.2
data3-10-27-10038.txt	10	3	27	12	0.2	12	12.0	7290	15826	0	0	0.0	12.0	0.2
data3-10-27-10039.txt	10	3	27	11	0.3	11	11.0	7290	15877	0	0	0.0	11.0	0.2
data3-10-27-10040.txt	10	3	27	14	0.2	14	14.0	7290	15585	0	0	0.0	14.0	0.2
data3-10-27-10041.txt	10	3	27	11	0.2	11	11.0	7290	15585	0	0	0.0	11.0	0.2
data3-10-27-10042.txt	10	3	27	12	0.3	12	12.0	7290	15702	0	0	0.0	12.0	0.2
data3-10-27-10043.txt	10	3	27	10	0.3	10	10.0	7290	15715	0	0	0.0	10.0	0.2
data3-10-27-10044.txt	10	3	27	10	0.2	10	10.0	7290	15538	0	0	0.0	10.0	0.2
data3-10-27-10045.txt	10	3	27	6	0.2	6	6.0	7290	15465	0	0	0.0	6.0	0.2
data3-10-27-10046.txt	10	3	27	11	0.2	11	11.0	7290	15633	0	0	0.0	11.0	0.2
data3-10-27-10047.txt	10	3	27	6	0.2	6	6.0	7290	15315	0	0	0.0	6.0	0.1
data3-10-27-10048.txt	10	3	27	8	0.2	8	8.0	7290	15544	0	0	0.0	8.0	0.2
data3-10-27-10049.txt	10	3	27	13	0.2	13	13.0	7290	15613	0	0	0.0	13.0	0.2
data3-10-27-10050.txt	10	3	27	16	0.3	16	16.0	7290	15718	0	0	0.0	16.0	0.2
data3-10-27-10051.txt	10	3	27	9	0.2	9	9.0	7290	15614	0	0	0.0	9.0	0.2
data3-10-27-10052.txt	10	3	27	11	0.2	11	11.0	7290	15524	0	0	0.0	11.0	0.2
data3-10-27-10053.txt	10	3	27	12	0.2	12	12.0	7290	15735	0	0	0.0	12.0	0.2
data3-10-27-10054.txt	10	3	27	10	0.2	10	10.0	7290	15567	0	0	0.0	10.0	0.2
data3-10-27-10055.txt	10	3	27	10	0.3	10	10.0	7290	15764	0	0	0.0	9.5	0.2
data3-10-27-10056.txt	10	3	27	8	0.2	8	8.0	7290	15647	0	0	0.0	8.0	0.2
data3-10-27-10057.txt	10	3	27	13	0.3	13	13.0	7290	16013	0	0	0.0	13.0	0.2
data3-10-27-10058.txt	10	3	27	14	0.3	14	14.0	7290	15813	0	0	0.0	13.5	0.2
data3-10-27-10059.txt	10	3	27	14	0.2	14	14.0	7290	15627	0	0	0.0	14.0	0.2
data3-10-27-10060.txt	10	3	27	7	0.2	7	7.0	7290	15489	0	0	0.0	7.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-10-27-10061.txt	10	3	27	12	0.4	12	12.0	7290	15978	0	0	0.0	11.0	0.2
data3-10-27-10062.txt	10	3	27	11	0.3	11	11.0	7290	15630	0	0	0.0	11.0	0.2
data3-10-27-10063.txt	10	3	27	12	0.3	12	12.0	7290	15698	0	0	0.0	12.0	0.2
data3-10-27-10064.txt	10	3	27	12	0.2	12	12.0	7290	15625	0	0	0.0	12.0	0.2
data3-10-27-10065.txt	10	3	27	11	0.2	11	11.0	7290	15464	0	0	0.0	11.0	0.2
data3-10-27-10066.txt	10	3	27	10	0.3	10	10.0	7290	15753	0	0	0.0	10.0	0.2
data3-10-27-10067.txt	10	3	27	11	0.2	11	11.0	7290	15622	0	0	0.0	11.0	0.2
data3-10-27-10068.txt	10	3	27	12	0.2	12	12.0	7290	15532	0	0	0.0	12.0	0.2
data3-10-27-10069.txt	10	3	27	9	0.2	9	9.0	7290	15569	0	0	0.0	9.0	0.2
data3-10-27-10070.txt	10	3	27	9	0.2	9	9.0	7290	15501	0	0	0.0	9.0	0.2
data3-10-27-10071.txt	10	3	27	12	0.3	12	12.0	7290	15670	0	0	0.0	12.0	0.2
data3-10-27-10072.txt	10	3	27	11	0.3	11	11.0	7290	15801	0	0	0.0	10.0	0.2
data3-10-27-10073.txt	10	3	27	16	0.3	16	16.0	7290	15703	0	0	0.0	16.0	0.2
data3-10-27-10074.txt	10	3	27	10	0.3	10	10.0	7290	15756	0	0	0.0	10.0	0.2
data3-10-27-10075.txt	10	3	27	13	0.3	13	13.0	7290	15670	0	0	0.0	13.0	0.2
data3-10-27-10076.txt	10	3	27	11	0.2	11	11.0	7290	15697	0	0	0.0	11.0	0.2
data3-10-27-10077.txt	10	3	27	12	0.3	12	12.0	7290	15866	0	0	0.0	12.0	0.2
data3-10-27-10078.txt	10	3	27	11	0.2	11	11.0	7290	15724	0	0	0.0	11.0	0.2
data3-10-27-10079.txt	10	3	27	12	0.2	12	12.0	7290	15428	0	0	0.0	12.0	0.2
data3-10-27-10080.txt	10	3	27	10	0.2	10	10.0	7290	15530	0	0	0.0	10.0	0.2
data3-10-27-10081.txt	10	3	27	9	0.2	9	9.0	7290	15440	0	0	0.0	8.0	0.2
data3-10-27-10082.txt	10	3	27	10	0.2	10	10.0	7290	15700	0	0	0.0	10.0	0.2
data3-10-27-10083.txt	10	3	27	10	0.2	10	10.0	7290	15513	0	0	0.0	10.0	0.2
data3-10-27-10084.txt	10	3	27	9	0.2	9	9.0	7290	15324	0	0	0.0	9.0	0.1
data3-10-27-10085.txt	10	3	27	13	0.3	13	13.0	7290	15831	0	0	0.0	13.0	0.2
data3-10-27-10086.txt	10	3	27	14	0.2	14	14.0	7290	15464	0	0	0.0	14.0	0.2
data3-10-27-10087.txt	10	3	27	12	0.3	12	12.0	7290	15800	0	0	0.0	12.0	0.2
data3-10-27-10088.txt	10	3	27	11	0.2	11	11.0	7290	15648	0	0	0.0	11.0	0.2
data3-10-27-10089.txt	10	3	27	12	0.2	12	12.0	7290	15577	0	0	0.0	12.0	0.2
data3-10-27-10090.txt	10	3	27	7	0.2	7	7.0	7290	15642	0	0	0.0	7.0	0.2
data3-10-27-10091.txt	10	3	27	8	0.2	8	8.0	7290	15548	0	0	0.0	8.0	0.2
data3-10-27-10092.txt	10	3	27	8	0.2	8	8.0	7290	15601	0	0	0.0	8.0	0.2
data3-10-27-10093.txt	10	3	27	9	0.2	9	9.0	7290	15435	0	0	0.0	9.0	0.2
data3-10-27-10094.txt	10	3	27	11	0.2	11	11.0	7290	15756	0	0	0.0	11.0	0.2
data3-10-27-10095.txt	10	3	27	12	0.3	12	12.0	7290	15886	0	0	0.0	12.0	0.2
data3-10-27-10096.txt	10	3	27	9	0.2	9	9.0	7290	15720	0	0	0.0	9.0	0.2
data3-10-27-10097.txt	10	3	27	14	0.3	14	14.0	7290	15650	0	0	0.0	14.0	0.2
data3-10-27-10098.txt	10	3	27	9	0.2	9	9.0	7290	15526	0	0	0.0	9.0	0.2
data3-10-27-10099.txt	10	3	27	13	0.3	13	13.0	7290	15789	0	0	0.0	13.0	0.2
data3-10-27-10100.txt	10	3	27	11	0.3	11	11.0	7290	16003	0	0	0.0	10.0	0.2
data3-10-28-10101.txt	10	3	28	11	0.2	11	11.0	7840	16611	0	0	0.0	11.0	0.2
data3-10-28-10102.txt	10	3	28	8	0.2	8	8.0	7840	16853	0	0	0.0	8.0	0.2
data3-10-28-10103.txt	10	3	28	6	0.2	6	6.0	7840	16545	0	0	0.0	6.0	0.2
data3-10-28-10104.txt	10	3	28	11	0.2	11	11.0	7840	16842	0	0	0.0	11.0	0.2
data3-10-28-10105.txt	10	3	28	8	0.2	8	8.0	7840	16520	0	0	0.0	8.0	0.2
data3-10-28-10106.txt	10	3	28	11	0.2	11	11.0	7840	16875	0	0	0.0	11.0	0.2
data3-10-28-10107.txt	10	3	28	9	0.2	9	9.0	7840	16840	0	0	0.0	9.0	0.2
data3-10-28-10108.txt	10	3	28	9	0.2	9	9.0	7840	16683	0	0	0.0	9.0	0.2
data3-10-28-10109.txt	10	3	28	12	0.2	12	12.0	7840	16569	0	0	0.0	12.0	0.2
data3-10-28-10110.txt	10	3	28	14	0.3	14	14.0	7840	16921	0	0	0.0	14.0	0.2
data3-10-28-10111.txt	10	3	28	15	0.3	15	15.0	7840	16923	0	0	0.0	15.0	0.2
data3-10-28-10112.txt	10	3	28	9	0.2	9	9.0	7840	16726	0	0	0.0	9.0	0.2
data3-10-28-10113.txt	10	3	28	14	0.3	14	14.0	7840	17062	0	0	0.0	14.0	0.2
data3-10-28-10114.txt	10	3	28	7	0.2	7	7.0	7840	16606	0	0	0.0	7.0	0.2
data3-10-28-10115.txt	10	3	28	12	0.3	12	12.0	7840	16990	0	0	0.0	12.0	0.2
data3-10-28-10116.txt	10	3	28	13	0.3	13	13.0	7840	17101	0	0	0.0	13.0	0.2
data3-10-28-10117.txt	10	3	28	9	0.3	9	9.0	7840	16797	0	0	0.0	9.0	0.2
data3-10-28-10118.txt	10	3	28	8	0.2	8	8.0	7840	16549	0	0	0.0	8.0	0.2
data3-10-28-10119.txt	10	3	28	14	0.3	14	14.0	7840	17046	0	0	0.0	14.0	0.2
data3-10-28-10120.txt	10	3	28	13	0.3	13	13.0	7840	16927	0	0	0.0	13.0	0.2
data3-10-28-10121.txt	10	3	28	11	0.3	11	11.0	7840	16989	0	0	0.0	11.0	0.2
data3-10-28-10122.txt	10	3	28	9	0.2	9	9.0	7840	16616	0	0	0.0	9.0	0.2
data3-10-28-10123.txt	10	3	28	10	0.2	10	10.0	7840	16623	0	0	0.0	10.0	0.2
data3-10-28-10124.txt	10	3	28	12	0.3	12	12.0	7840	17005	0	0	0.0	12.0	0.2
data3-10-28-10125.txt	10	3	28	8	0.2	8	8.0	7840	16873	0	0	0.0	8.0	0.2
data3-10-28-10126.txt	10	3	28	14	0.3	14	14.0	7840	17029	0	0	0.0	14.0	0.2
data3-10-28-10127.txt	10	3	28	11	0.3	11	11.0	7840	16974	0	0	0.0	11.0	0.2
data3-10-28-10128.txt	10	3	28	7	0.2	7	7.0	7840	16843	0	0	0.0	7.0	0.2
data3-10-28-10129.txt	10	3	28	11	0.2	11	11.0	7840	16890	0	0	0.0	11.0	0.2
data3-10-28-10130.txt	10	3	28	12	0.3	12	12.0	7840	17120	0	0	0.0	12.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-10-28-10131.txt	10	3	28	10	0.2	10	10.0	7840	16773	0	0	0.0	10.0	0.2
data3-10-28-10132.txt	10	3	28	15	0.3	15	15.0	7840	16927	0	0	0.0	15.0	0.2
data3-10-28-10133.txt	10	3	28	10	0.3	10	10.0	7840	16813	0	0	0.0	10.0	0.2
data3-10-28-10134.txt	10	3	28	12	0.3	12	12.0	7840	17080	0	0	0.0	12.0	0.2
data3-10-28-10135.txt	10	3	28	15	0.3	15	15.0	7840	16977	0	0	0.0	14.5	0.2
data3-10-28-10136.txt	10	3	28	10	0.2	10	10.0	7840	16572	0	0	0.0	10.0	0.2
data3-10-28-10137.txt	10	3	28	10	0.2	10	10.0	7840	16959	0	0	0.0	10.0	0.2
data3-10-28-10138.txt	10	3	28	10	0.2	10	10.0	7840	16880	0	0	0.0	10.0	0.2
data3-10-28-10139.txt	10	3	28	11	0.3	11	11.0	7840	16731	0	0	0.0	11.0	0.2
data3-10-28-10140.txt	10	3	28	9	0.2	9	9.0	7840	16634	0	0	0.0	9.0	0.2
data3-10-28-10141.txt	10	3	28	15	0.3	15	15.0	7840	17030	0	0	0.0	15.0	0.2
data3-10-28-10142.txt	10	3	28	17	0.3	17	17.0	7840	17016	0	0	0.0	17.0	0.2
data3-10-28-10143.txt	10	3	28	15	0.2	15	15.0	7840	17013	0	0	0.0	15.0	0.2
data3-10-28-10144.txt	10	3	28	11	0.3	11	11.0	7840	16819	0	0	0.0	11.0	0.2
data3-10-28-10145.txt	10	3	28	13	0.3	13	13.0	7840	16921	0	0	0.0	13.0	0.2
data3-10-28-10146.txt	10	3	28	11	0.2	11	11.0	7840	16769	0	0	0.0	11.0	0.2
data3-10-28-10147.txt	10	3	28	15	0.2	15	15.0	7840	16794	0	2	0.0	14.0	0.2
data3-10-28-10148.txt	10	3	28	12	0.3	12	12.0	7840	16937	0	0	0.0	12.0	0.2
data3-10-28-10149.txt	10	3	28	15	0.3	15	15.0	7840	16926	0	0	0.0	15.0	0.2
data3-10-28-10150.txt	10	3	28	9	0.2	9	9.0	7840	16791	0	0	0.0	9.0	0.2
data3-10-28-10151.txt	10	3	28	10	0.2	10	10.0	7840	16649	0	0	0.0	10.0	0.2
data3-10-28-10152.txt	10	3	28	9	0.2	9	9.0	7840	16840	0	0	0.0	9.0	0.2
data3-10-28-10153.txt	10	3	28	10	0.2	10	10.0	7840	16930	0	0	0.0	10.0	0.2
data3-10-28-10154.txt	10	3	28	11	0.2	11	11.0	7840	16715	0	0	0.0	11.0	0.2
data3-10-28-10155.txt	10	3	28	11	0.3	11	11.0	7840	16951	0	0	0.0	11.0	0.2
data3-10-28-10156.txt	10	3	28	8	0.2	8	8.0	7840	16593	0	0	0.0	8.0	0.2
data3-10-28-10157.txt	10	3	28	14	0.3	14	14.0	7840	16875	0	0	0.0	14.0	0.2
data3-10-28-10158.txt	10	3	28	13	0.2	13	13.0	7840	16762	0	0	0.0	13.0	0.2
data3-10-28-10159.txt	10	3	28	14	0.3	14	14.0	7840	17042	0	0	0.0	14.0	0.2
data3-10-28-10160.txt	10	3	28	10	0.2	10	10.0	7840	17029	0	0	0.0	10.0	0.2
data3-10-28-10161.txt	10	3	28	18	0.5	18	18.0	7840	17329	0	0	0.0	18.0	0.3
data3-10-28-10162.txt	10	3	28	12	0.2	12	12.0	7840	16894	0	0	0.0	12.0	0.2
data3-10-28-10163.txt	10	3	28	11	0.3	11	11.0	7840	16880	0	0	0.0	11.0	0.2
data3-10-28-10164.txt	10	3	28	11	0.2	11	11.0	7840	16617	0	0	0.0	11.0	0.2
data3-10-28-10165.txt	10	3	28	15	0.2	15	15.0	7840	16848	0	0	0.0	15.0	0.2
data3-10-28-10166.txt	10	3	28	12	0.3	12	12.0	7840	17034	0	0	0.0	12.0	0.2
data3-10-28-10167.txt	10	3	28	9	0.2	9	9.0	7840	16682	0	0	0.0	9.0	0.2
data3-10-28-10168.txt	10	3	28	13	0.4	13	13.0	7840	17200	0	0	0.0	13.0	0.2
data3-10-28-10169.txt	10	3	28	11	0.3	11	11.0	7840	17033	0	0	0.0	11.0	0.2
data3-10-28-10170.txt	10	3	28	15	0.2	15	15.0	7840	17003	0	0	0.0	15.0	0.2
data3-10-28-10171.txt	10	3	28	11	0.3	11	11.0	7840	16902	0	0	0.0	11.0	0.2
data3-10-28-10172.txt	10	3	28	16	0.3	16	16.0	7840	17125	0	0	0.0	16.0	0.2
data3-10-28-10173.txt	10	3	28	10	0.2	10	10.0	7840	16725	0	0	0.0	10.0	0.2
data3-10-28-10174.txt	10	3	28	11	0.2	11	11.0	7840	17007	0	0	0.0	11.0	0.2
data3-10-28-10175.txt	10	3	28	17	0.3	17	17.0	7840	16992	0	1	0.0	16.0	0.2
data3-10-28-10176.txt	10	3	28	16	0.3	16	16.0	7840	17052	0	0	0.0	16.0	0.2
data3-10-28-10177.txt	10	3	28	8	0.2	8	8.0	7840	16787	0	0	0.0	8.0	0.2
data3-10-28-10178.txt	10	3	28	14	0.3	14	14.0	7840	16938	0	0	0.0	12.5	0.2
data3-10-28-10179.txt	10	3	28	10	0.2	10	10.0	7840	16564	0	0	0.0	10.0	0.2
data3-10-28-10180.txt	10	3	28	16	0.4	16	16.0	7840	17208	0	0	0.0	16.0	0.3
data3-10-28-10181.txt	10	3	28	12	0.2	12	12.0	7840	16830	0	0	0.0	12.0	0.2
data3-10-28-10182.txt	10	3	28	13	0.3	13	13.0	7840	17156	0	0	0.0	12.5	0.2
data3-10-28-10183.txt	10	3	28	12	0.2	12	12.0	7840	16995	0	0	0.0	12.0	0.2
data3-10-28-10184.txt	10	3	28	10	0.2	10	10.0	7840	16742	0	0	0.0	10.0	0.2
data3-10-28-10185.txt	10	3	28	6	0.2	6	6.0	7840	16794	0	0	0.0	6.0	0.2
data3-10-28-10186.txt	10	3	28	14	0.3	14	14.0	7840	16917	0	0	0.0	14.0	0.2
data3-10-28-10187.txt	10	3	28	14	0.3	14	14.0	7840	16868	0	0	0.0	14.0	0.2
data3-10-28-10188.txt	10	3	28	11	0.3	11	11.0	7840	17036	0	0	0.0	11.0	0.2
data3-10-28-10189.txt	10	3	28	8	0.2	8	8.0	7840	16824	0	0	0.0	8.0	0.2
data3-10-28-10190.txt	10	3	28	8	0.2	8	8.0	7840	16652	0	0	0.0	8.0	0.2
data3-10-28-10191.txt	10	3	28	7	0.2	7	7.0	7840	16602	0	0	0.0	7.0	0.2
data3-10-28-10192.txt	10	3	28	14	0.3	14	14.0	7840	16763	0	0	0.0	14.0	0.2
data3-10-28-10193.txt	10	3	28	14	0.2	14	14.0	7840	16752	0	0	0.0	14.0	0.2
data3-10-28-10194.txt	10	3	28	12	0.3	12	12.0	7840	16959	0	0	0.0	12.0	0.2
data3-10-28-10195.txt	10	3	28	15	0.3	15	15.0	7840	16952	0	0	0.0	15.0	0.2
data3-10-28-10196.txt	10	3	28	17	0.3	17	17.0	7840	16964	0	0	0.0	17.0	0.2
data3-10-28-10197.txt	10	3	28	10	0.2	10	10.0	7840	16851	0	0	0.0	10.0	0.2
data3-10-28-10198.txt	10	3	28	15	0.3	15	15.0	7840	17014	0	0	0.0	15.0	0.2
data3-10-28-10199.txt	10	3	28	14	0.3	14	14.0	7840	16795	0	0	0.0	14.0	0.2
data3-10-28-10200.txt	10	3	28	19	0.5	19	19.0	7840	17163	0	5	0.0	18.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-10-29-10201.txt	10	3	29	13	0.3	13	13.0	8410	18159	0	0	0.0	13.0	0.2
data3-10-29-10202.txt	10	3	29	17	0.3	17	17.0	8410	18264	0	0	0.0	17.0	0.2
data3-10-29-10203.txt	10	3	29	12	0.3	12	12.0	8410	18159	0	0	0.0	12.0	0.2
data3-10-29-10204.txt	10	3	29	11	0.3	11	11.0	8410	18149	0	0	0.0	11.0	0.2
data3-10-29-10205.txt	10	3	29	13	0.3	13	13.0	8410	18280	0	0	0.0	13.0	0.2
data3-10-29-10206.txt	10	3	29	16	0.3	16	16.0	8410	18112	0	0	0.0	16.0	0.2
data3-10-29-10207.txt	10	3	29	12	0.3	12	12.0	8410	18116	0	0	0.0	11.5	0.2
data3-10-29-10208.txt	10	3	29	12	0.2	12	12.0	8410	18113	0	0	0.0	12.0	0.2
data3-10-29-10209.txt	10	3	29	9	0.2	9	9.0	8410	17848	0	0	0.0	9.0	0.2
data3-10-29-10210.txt	10	3	29	11	0.3	11	11.0	8410	18123	0	0	0.0	11.0	0.2
data3-10-29-10211.txt	10	3	29	9	0.2	9	9.0	8410	18035	0	0	0.0	9.0	0.2
data3-10-29-10212.txt	10	3	29	12	0.2	12	12.0	8410	17998	0	0	0.0	12.0	0.2
data3-10-29-10213.txt	10	3	29	17	0.3	17	17.0	8410	18328	0	0	0.0	17.0	0.2
data3-10-29-10214.txt	10	3	29	11	0.3	11	11.0	8410	17992	0	0	0.0	11.0	0.2
data3-10-29-10215.txt	10	3	29	15	0.4	15	15.0	8410	18320	0	0	0.0	15.0	0.2
data3-10-29-10216.txt	10	3	29	12	0.3	12	12.0	8410	18136	0	0	0.0	12.0	0.2
data3-10-29-10217.txt	10	3	29	12	0.3	12	12.0	8410	18226	0	0	0.0	12.0	0.2
data3-10-29-10218.txt	10	3	29	10	0.2	10	10.0	8410	17875	0	0	0.0	10.0	0.2
data3-10-29-10219.txt	10	3	29	14	0.3	14	14.0	8410	18197	0	0	0.0	14.0	0.2
data3-10-29-10220.txt	10	3	29	16	0.3	16	16.0	8410	18188	0	2	0.0	14.0	0.2
data3-10-29-10221.txt	10	3	29	11	0.2	11	11.0	8410	18087	0	0	0.0	11.0	0.2
data3-10-29-10222.txt	10	3	29	9	0.2	9	9.0	8410	18098	0	0	0.0	9.0	0.2
data3-10-29-10223.txt	10	3	29	10	0.2	10	10.0	8410	17930	0	0	0.0	10.0	0.2
data3-10-29-10224.txt	10	3	29	11	0.2	11	11.0	8410	17874	0	0	0.0	11.0	0.2
data3-10-29-10225.txt	10	3	29	14	0.3	14	14.0	8410	18320	0	0	0.0	14.0	0.2
data3-10-29-10226.txt	10	3	29	10	0.2	10	10.0	8410	17937	0	0	0.0	10.0	0.2
data3-10-29-10227.txt	10	3	29	12	0.3	12	12.0	8410	18146	0	0	0.0	12.0	0.2
data3-10-29-10228.txt	10	3	29	12	0.2	12	12.0	8410	17925	0	0	0.0	12.0	0.2
data3-10-29-10229.txt	10	3	29	13	0.3	13	13.0	8410	18212	0	0	0.0	13.0	0.2
data3-10-29-10230.txt	10	3	29	8	0.2	8	8.0	8410	17770	0	0	0.0	8.0	0.2
data3-10-29-10231.txt	10	3	29	16	0.4	16	16.0	8410	18578	0	0	0.0	16.0	0.2
data3-10-29-10232.txt	10	3	29	13	0.2	13	13.0	8410	17852	0	0	0.0	13.0	0.2
data3-10-29-10233.txt	10	3	29	16	0.3	16	16.0	8410	18185	0	0	0.0	16.0	0.2
data3-10-29-10234.txt	10	3	29	10	0.2	10	10.0	8410	18138	0	0	0.0	10.0	0.2
data3-10-29-10235.txt	10	3	29	11	0.3	11	11.0	8410	18137	0	0	0.0	11.0	0.2
data3-10-29-10236.txt	10	3	29	14	0.4	14	14.0	8410	18357	0	0	0.0	14.0	0.2
data3-10-29-10237.txt	10	3	29	15	0.3	15	15.0	8410	18236	0	2	0.0	14.0	0.2
data3-10-29-10238.txt	10	3	29	13	0.3	13	13.0	8410	18122	0	0	0.0	13.0	0.2
data3-10-29-10239.txt	10	3	29	12	0.3	12	12.0	8410	17952	0	0	0.0	12.0	0.2
data3-10-29-10240.txt	10	3	29	18	0.3	18	18.0	8410	18199	0	0	0.0	18.0	0.2
data3-10-29-10241.txt	10	3	29	12	0.2	12	12.0	8410	17864	0	0	0.0	12.0	0.2
data3-10-29-10242.txt	10	3	29	11	0.3	11	11.0	8410	18220	0	0	0.0	11.0	0.2
data3-10-29-10243.txt	10	3	29	11	0.3	11	11.0	8410	18087	0	0	0.0	11.0	0.2
data3-10-29-10244.txt	10	3	29	10	0.3	10	10.0	8410	18068	0	0	0.0	10.0	0.2
data3-10-29-10245.txt	10	3	29	12	0.3	12	12.0	8410	18338	0	0	0.0	12.0	0.2
data3-10-29-10246.txt	10	3	29	14	0.2	14	14.0	8410	18104	0	0	0.0	14.0	0.2
data3-10-29-10247.txt	10	3	29	12	0.3	12	12.0	8410	18193	0	0	0.0	12.0	0.2
data3-10-29-10248.txt	10	3	29	7	0.2	7	7.0	8410	17823	0	0	0.0	7.0	0.2
data3-10-29-10249.txt	10	3	29	7	0.2	7	7.0	8410	17699	0	0	0.0	7.0	0.2
data3-10-29-10250.txt	10	3	29	15	0.3	15	15.0	8410	18124	0	0	0.0	15.0	0.2
data3-10-29-10251.txt	10	3	29	15	0.3	15	15.0	8410	18265	0	0	0.0	15.0	0.2
data3-10-29-10252.txt	10	3	29	10	0.2	10	10.0	8410	18026	0	0	0.0	10.0	0.2
data3-10-29-10253.txt	10	3	29	11	0.2	11	11.0	8410	17777	0	0	0.0	11.0	0.2
data3-10-29-10254.txt	10	3	29	15	0.3	15	15.0	8410	18337	0	0	0.0	15.0	0.2
data3-10-29-10255.txt	10	3	29	14	0.3	14	14.0	8410	18228	0	0	0.0	14.0	0.2
data3-10-29-10256.txt	10	3	29	12	0.2	12	12.0	8410	17914	0	0	0.0	12.0	0.2
data3-10-29-10257.txt	10	3	29	17	0.3	17	17.0	8410	18256	0	0	0.0	17.0	0.2
data3-10-29-10258.txt	10	3	29	10	0.2	10	10.0	8410	17992	0	0	0.0	10.0	0.2
data3-10-29-10259.txt	10	3	29	16	0.3	16	16.0	8410	18333	0	0	0.0	16.0	0.2
data3-10-29-10260.txt	10	3	29	11	0.3	11	11.0	8410	18178	0	0	0.0	11.0	0.2
data3-10-29-10261.txt	10	3	29	10	0.3	10	10.0	8410	18217	0	0	0.0	10.0	0.2
data3-10-29-10262.txt	10	3	29	14	0.3	14	14.0	8410	18152	0	1	0.0	13.0	0.2
data3-10-29-10263.txt	10	3	29	9	0.3	9	9.0	8410	18062	0	0	0.0	9.0	0.2
data3-10-29-10264.txt	10	3	29	16	0.2	16	16.0	8410	17929	0	0	0.0	16.0	0.2
data3-10-29-10265.txt	10	3	29	11	0.3	11	11.0	8410	18106	0	0	0.0	11.0	0.2
data3-10-29-10266.txt	10	3	29	13	0.3	13	13.0	8410	18398	0	0	0.0	13.0	0.2
data3-10-29-10267.txt	10	3	29	11	0.3	11	11.0	8410	18126	0	0	0.0	11.0	0.2
data3-10-29-10268.txt	10	3	29	11	0.2	11	11.0	8410	17963	0	0	0.0	11.0	0.2
data3-10-29-10269.txt	10	3	29	10	0.3	10	10.0	8410	18149	0	0	0.0	10.0	0.2
data3-10-29-10270.txt	10	3	29	12	0.3	12	12.0	8410	18326	0	0	0.0	12.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data3-10-29-10271.txt	10	3	29	12	0.3	12	12.0	8410	18193	0	0	0.0	12.0	0.2
data3-10-29-10272.txt	10	3	29	15	0.3	15	15.0	8410	18108	0	0	0.0	15.0	0.2
data3-10-29-10273.txt	10	3	29	15	0.3	15	15.0	8410	18316	0	0	0.0	15.0	0.2
data3-10-29-10274.txt	10	3	29	13	0.3	13	13.0	8410	17987	0	0	0.0	13.0	0.2
data3-10-29-10275.txt	10	3	29	13	0.3	13	13.0	8410	18240	0	0	0.0	13.0	0.2
data3-10-29-10276.txt	10	3	29	10	0.2	10	10.0	8410	17868	0	0	0.0	10.0	0.2
data3-10-29-10277.txt	10	3	29	13	0.4	13	13.0	8410	18341	0	0	0.0	13.0	0.2
data3-10-29-10278.txt	10	3	29	11	0.2	11	11.0	8410	17923	0	0	0.0	11.0	0.2
data3-10-29-10279.txt	10	3	29	12	0.3	12	12.0	8410	18095	0	0	0.0	12.0	0.2
data3-10-29-10280.txt	10	3	29	13	0.3	13	13.0	8410	18357	0	4	0.0	12.0	0.2
data3-10-29-10281.txt	10	3	29	13	0.3	13	13.0	8410	17983	0	0	0.0	13.0	0.2
data3-10-29-10282.txt	10	3	29	11	0.2	11	11.0	8410	17935	0	0	0.0	11.0	0.2
data3-10-29-10283.txt	10	3	29	11	0.3	11	11.0	8410	18063	0	0	0.0	10.5	0.2
data3-10-29-10284.txt	10	3	29	11	0.2	11	11.0	8410	17902	0	0	0.0	11.0	0.2
data3-10-29-10285.txt	10	3	29	12	0.3	12	12.0	8410	18151	0	0	0.0	12.0	0.2
data3-10-29-10286.txt	10	3	29	12	0.3	12	12.0	8410	18245	0	0	0.0	12.0	0.2
data3-10-29-10287.txt	10	3	29	6	0.2	6	6.0	8410	17921	0	0	0.0	6.0	0.2
data3-10-29-10288.txt	10	3	29	14	0.2	14	14.0	8410	18055	0	0	0.0	14.0	0.2
data3-10-29-10289.txt	10	3	29	14	0.4	14	14.0	8410	18244	0	0	0.0	14.0	0.2
data3-10-29-10290.txt	10	3	29	13	0.2	13	13.0	8410	17893	0	0	0.0	13.0	0.2
data3-10-29-10291.txt	10	3	29	15	0.3	15	15.0	8410	18290	0	0	0.0	15.0	0.2
data3-10-29-10292.txt	10	3	29	15	0.3	15	15.0	8410	18228	0	0	0.0	15.0	0.2
data3-10-29-10293.txt	10	3	29	10	0.3	10	10.0	8410	18057	0	0	0.0	10.0	0.2
data3-10-29-10294.txt	10	3	29	13	0.3	13	13.0	8410	18180	0	0	0.0	13.0	0.2
data3-10-29-10295.txt	10	3	29	10	0.2	10	10.0	8410	17877	0	0	0.0	10.0	0.2
data3-10-29-10296.txt	10	3	29	14	0.3	14	14.0	8410	18207	0	0	0.0	14.0	0.2
data3-10-29-10297.txt	10	3	29	14	0.3	14	14.0	8410	18454	0	0	0.0	14.0	0.2
data3-10-29-10298.txt	10	3	29	11	0.3	11	11.0	8410	18195	0	0	0.0	11.0	0.2
data3-10-29-10299.txt	10	3	29	11	0.3	11	11.0	8410	18076	0	0	0.0	11.0	0.2
data3-10-29-10300.txt	10	3	29	10	0.2	10	10.0	8410	17866	0	0	0.0	10.0	0.2
data4-6-20-00301.txt	6	4	20	11	0.1	11	11.0	2400	5257	0	0	0.0	11.0	0.1
data4-6-20-00302.txt	6	4	20	8	0.1	8	8.0	2400	5297	0	0	0.0	8.0	0.1
data4-6-20-00303.txt	6	4	20	12	0.1	12	12.0	2400	5301	0	0	0.0	12.0	0.1
data4-6-20-00304.txt	6	4	20	11	0.1	11	11.0	2400	5284	0	0	0.0	10.0	0.1
data4-6-20-00305.txt	6	4	20	10	0.1	10	10.0	2400	5305	0	0	0.0	10.0	0.1
data4-6-20-00306.txt	6	4	20	9	0.1	9	9.0	2400	5253	0	0	0.0	9.0	0.1
data4-6-20-00307.txt	6	4	20	15	0.1	15	15.0	2400	5393	0	0	0.0	13.8	0.1
data4-6-20-00308.txt	6	4	20	5	0.1	5	5.0	2400	5226	0	0	0.0	5.0	0.1
data4-6-20-00309.txt	6	4	20	10	0.1	10	10.0	2400	5279	0	0	0.0	10.0	0.1
data4-6-20-00310.txt	6	4	20	10	0.1	10	10.0	2400	5292	0	0	0.0	10.0	0.1
data4-6-20-00311.txt	6	4	20	8	0.1	8	8.0	2400	5226	0	0	0.0	8.0	0.1
data4-6-20-00312.txt	6	4	20	13	0.1	13	13.0	2400	5292	0	0	0.0	13.0	0.1
data4-6-20-00313.txt	6	4	20	9	0.1	9	9.0	2400	5291	0	0	0.0	9.0	0.1
data4-6-20-00314.txt	6	4	20	11	0.1	11	11.0	2400	5295	0	0	0.0	10.2	0.1
data4-6-20-00315.txt	6	4	20	11	0.1	11	11.0	2400	5344	0	0	0.0	11.0	0.1
data4-6-20-00316.txt	6	4	20	9	0.1	9	9.0	2400	5344	0	0	0.0	9.0	0.1
data4-6-20-00317.txt	6	4	20	12	0.1	12	12.0	2400	5374	0	0	0.0	12.0	0.1
data4-6-20-00318.txt	6	4	20	13	0.1	13	13.0	2400	5368	0	0	0.0	12.0	0.1
data4-6-20-00319.txt	6	4	20	8	0.1	8	8.0	2400	5220	0	0	0.0	8.0	0.1
data4-6-20-00320.txt	6	4	20	11	0.1	11	11.0	2400	5287	0	0	0.0	11.0	0.1
data4-6-20-00321.txt	6	4	20	12	0.1	12	12.0	2400	5310	0	0	0.0	11.0	0.1
data4-6-20-00322.txt	6	4	20	9	0.1	9	9.0	2400	5283	0	0	0.0	9.0	0.1
data4-6-20-00323.txt	6	4	20	13	0.1	13	13.0	2400	5275	0	0	0.0	13.0	0.1
data4-6-20-00324.txt	6	4	20	9	0.1	9	9.0	2400	5192	0	0	0.0	9.0	0.1
data4-6-20-00325.txt	6	4	20	13	0.1	13	13.0	2400	5292	0	0	0.0	13.0	0.1
data4-6-20-00326.txt	6	4	20	12	0.1	12	12.0	2400	5308	0	0	0.0	12.0	0.1
data4-6-20-00327.txt	6	4	20	12	0.1	12	12.0	2400	5379	0	0	0.0	12.0	0.1
data4-6-20-00328.txt	6	4	20	11	0.1	11	11.0	2400	5247	0	0	0.0	11.0	0.1
data4-6-20-00329.txt	6	4	20	12	0.1	12	12.0	2400	5309	0	0	0.0	12.0	0.1
data4-6-20-00330.txt	6	4	20	12	0.1	12	12.0	2400	5270	0	0	0.0	12.0	0.1
data4-6-20-00331.txt	6	4	20	9	0.1	9	9.0	2400	5261	0	0	0.0	9.0	0.1
data4-6-20-00332.txt	6	4	20	15	0.1	15	15.0	2400	5352	0	0	0.0	15.0	0.1
data4-6-20-00333.txt	6	4	20	9	0.1	9	9.0	2400	5297	0	0	0.0	9.0	0.1
data4-6-20-00334.txt	6	4	20	14	0.1	14	14.0	2400	5365	0	0	0.0	13.0	0.1
data4-6-20-00335.txt	6	4	20	10	0.1	10	10.0	2400	5326	0	0	0.0	9.3	0.1
data4-6-20-00336.txt	6	4	20	10	0.1	10	10.0	2400	5312	0	0	0.0	9.0	0.1
data4-6-20-00337.txt	6	4	20	9	0.1	9	9.0	2400	5313	0	0	0.0	9.0	0.1
data4-6-20-00338.txt	6	4	20	13	0.1	13	13.0	2400	5343	0	0	0.0	13.0	0.1
data4-6-20-00339.txt	6	4	20	11	0.1	11	11.0	2400	5321	0	0	0.0	11.0	0.1
data4-6-20-00340.txt	6	4	20	13	0.1	13	13.0	2400	5312	0	0	0.0	12.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-6-20-00341.txt	6	4	20	13	0.1	13	13.0	2400	5349	0	0	0.0	13.0	0.1
data4-6-20-00342.txt	6	4	20	11	0.1	11	11.0	2400	5283	0	0	0.0	11.0	0.1
data4-6-20-00343.txt	6	4	20	12	0.1	12	12.0	2400	5303	1	0	0.0	10.5	0.1
data4-6-20-00344.txt	6	4	20	9	0.1	9	9.0	2400	5296	0	0	0.0	9.0	0.1
data4-6-20-00345.txt	6	4	20	15	0.1	15	15.0	2400	5318	0	0	0.0	15.0	0.1
data4-6-20-00346.txt	6	4	20	10	0.1	10	10.0	2400	5264	0	0	0.0	10.0	0.1
data4-6-20-00347.txt	6	4	20	9	0.1	9	9.0	2400	5275	0	0	0.0	9.0	0.1
data4-6-20-00348.txt	6	4	20	12	0.1	12	12.0	2400	5286	0	0	0.0	12.0	0.1
data4-6-20-00349.txt	6	4	20	13	0.1	13	13.0	2400	5349	0	0	0.0	13.0	0.1
data4-6-20-00350.txt	6	4	20	7	0.1	7	7.0	2400	5236	0	0	0.0	7.0	0.1
data4-6-20-00351.txt	6	4	20	9	0.1	9	9.0	2400	5272	0	0	0.0	9.0	0.1
data4-6-20-00352.txt	6	4	20	10	0.1	10	10.0	2400	5289	0	0	0.0	10.0	0.1
data4-6-20-00353.txt	6	4	20	6	0.1	6	6.0	2400	5243	0	0	0.0	6.0	0.1
data4-6-20-00354.txt	6	4	20	5	0.1	5	5.0	2400	5228	0	0	0.0	5.0	0.1
data4-6-20-00355.txt	6	4	20	5	0.1	5	5.0	2400	5202	0	0	0.0	5.0	0.1
data4-6-20-00356.txt	6	4	20	10	0.1	10	10.0	2400	5300	0	1	0.0	9.0	0.1
data4-6-20-00357.txt	6	4	20	12	0.1	12	12.0	2400	5242	0	0	0.0	12.0	0.1
data4-6-20-00358.txt	6	4	20	10	0.1	10	10.0	2400	5294	0	0	0.0	10.0	0.1
data4-6-20-00359.txt	6	4	20	13	0.1	13	13.0	2400	5332	0	0	0.0	13.0	0.1
data4-6-20-00360.txt	6	4	20	9	0.1	9	9.0	2400	5274	0	0	0.0	9.0	0.1
data4-6-20-00361.txt	6	4	20	11	0.1	11	11.0	2400	5271	0	0	0.0	11.0	0.1
data4-6-20-00362.txt	6	4	20	9	0.1	9	9.0	2400	5259	0	0	0.0	9.0	0.1
data4-6-20-00363.txt	6	4	20	5	0.1	5	5.0	2400	5236	0	0	0.0	5.0	0.1
data4-6-20-00364.txt	6	4	20	12	0.1	12	12.0	2400	5315	0	0	0.0	11.2	0.1
data4-6-20-00365.txt	6	4	20	13	0.1	13	13.0	2400	5327	0	6	0.0	12.0	0.1
data4-6-20-00366.txt	6	4	20	10	0.1	10	10.0	2400	5285	0	0	0.0	10.0	0.1
data4-6-20-00367.txt	6	4	20	11	0.1	11	11.0	2400	5298	0	0	0.0	11.0	0.1
data4-6-20-00368.txt	6	4	20	5	0.1	5	5.0	2400	5187	0	0	0.0	5.0	0.1
data4-6-20-00369.txt	6	4	20	8	0.1	8	8.0	2400	5265	0	0	0.0	8.0	0.1
data4-6-20-00370.txt	6	4	20	14	0.1	14	14.0	2400	5382	0	0	0.0	14.0	0.1
data4-6-20-00371.txt	6	4	20	12	0.1	12	12.0	2400	5311	0	0	0.0	11.5	0.1
data4-6-20-00372.txt	6	4	20	10	0.1	10	10.0	2400	5226	0	0	0.0	10.0	0.1
data4-6-20-00373.txt	6	4	20	10	0.1	10	10.0	2400	5322	0	0	0.0	10.0	0.1
data4-6-20-00374.txt	6	4	20	13	0.1	13	13.0	2400	5317	0	0	0.0	13.0	0.1
data4-6-20-00375.txt	6	4	20	12	0.1	12	12.0	2400	5254	0	0	0.0	12.0	0.1
data4-6-20-00376.txt	6	4	20	12	0.1	12	12.0	2400	5248	0	0	0.0	11.0	0.1
data4-6-20-00377.txt	6	4	20	10	0.1	10	10.0	2400	5235	0	0	0.0	10.0	0.1
data4-6-20-00378.txt	6	4	20	9	0.1	9	9.0	2400	5330	0	0	0.0	9.0	0.1
data4-6-20-00379.txt	6	4	20	10	0.1	10	10.0	2400	5331	0	0	0.0	9.0	0.1
data4-6-20-00380.txt	6	4	20	13	0.1	13	13.0	2400	5302	0	0	0.0	13.0	0.1
data4-6-20-00381.txt	6	4	20	11	0.1	11	11.0	2400	5379	0	0	0.0	10.5	0.1
data4-6-20-00382.txt	6	4	20	13	0.1	13	13.0	2400	5285	0	0	0.0	13.0	0.1
data4-6-20-00383.txt	6	4	20	9	0.1	9	9.0	2400	5273	0	0	0.0	9.0	0.1
data4-6-20-00384.txt	6	4	20	9	0.1	9	9.0	2400	5326	0	0	0.0	9.0	0.1
data4-6-20-00385.txt	6	4	20	12	0.1	12	12.0	2400	5308	0	0	0.0	12.0	0.1
data4-6-20-00386.txt	6	4	20	6	0.1	6	6.0	2400	5231	0	0	0.0	5.5	0.1
data4-6-20-00387.txt	6	4	20	7	0.1	7	7.0	2400	5313	0	0	0.0	7.0	0.1
data4-6-20-00388.txt	6	4	20	11	0.1	11	11.0	2400	5332	0	0	0.0	11.0	0.1
data4-6-20-00389.txt	6	4	20	9	0.1	9	9.0	2400	5264	0	0	0.0	9.0	0.1
data4-6-20-00390.txt	6	4	20	14	0.1	14	14.0	2400	5344	0	0	0.0	14.0	0.1
data4-6-20-00391.txt	6	4	20	12	0.1	12	12.0	2400	5296	0	0	0.0	12.0	0.1
data4-6-20-00392.txt	6	4	20	11	0.1	11	11.0	2400	5328	0	0	0.0	11.0	0.1
data4-6-20-00393.txt	6	4	20	12	0.1	12	12.0	2400	5274	0	0	0.0	12.0	0.1
data4-6-20-00394.txt	6	4	20	13	0.1	13	13.0	2400	5322	0	0	0.0	13.0	0.1
data4-6-20-00395.txt	6	4	20	11	0.1	11	11.0	2400	5295	0	2	0.0	10.0	0.1
data4-6-20-00396.txt	6	4	20	14	0.1	14	14.0	2400	5347	0	0	0.0	13.5	0.1
data4-6-20-00397.txt	6	4	20	9	0.1	9	9.0	2400	5294	0	0	0.0	9.0	0.1
data4-6-20-00398.txt	6	4	20	10	0.1	10	10.0	2400	5300	0	0	0.0	10.0	0.1
data4-6-20-00399.txt	6	4	20	11	0.1	11	11.0	2400	5308	0	0	0.0	11.0	0.1
data4-6-20-00400.txt	6	4	20	8	0.1	8	8.0	2400	5245	0	0	0.0	8.0	0.1
data4-6-21-00401.txt	6	4	21	14	0.4	14	14.0	2646	5918	161	12	0.0	11.0	0.1
data4-6-21-00402.txt	6	4	21	15	0.1	15	15.0	2646	5935	0	0	0.0	14.2	0.1
data4-6-21-00403.txt	6	4	21	12	0.1	12	12.0	2646	5912	0	0	0.0	12.0	0.1
data4-6-21-00404.txt	6	4	21	15	0.1	15	15.0	2646	5912	0	0	0.0	14.5	0.1
data4-6-21-00405.txt	6	4	21	14	0.1	14	14.0	2646	5829	0	0	0.0	14.0	0.1
data4-6-21-00406.txt	6	4	21	12	0.1	12	12.0	2646	5811	0	0	0.0	12.0	0.1
data4-6-21-00407.txt	6	4	21	11	0.1	11	11.0	2646	5814	0	0	0.0	10.5	0.1
data4-6-21-00408.txt	6	4	21	12	0.1	12	12.0	2646	5937	0	0	0.0	12.0	0.1
data4-6-21-00409.txt	6	4	21	10	0.1	10	10.0	2646	5855	0	0	0.0	10.0	0.1
data4-6-21-00410.txt	6	4	21	15	0.1	15	15.0	2646	5881	0	4	0.0	14.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-6-21-00411.txt	6	4	21	16	0.1	16	16.0	2646	5851	0	0	0.0	16.0	0.1
data4-6-21-00412.txt	6	4	21	13	0.1	13	13.0	2646	5870	0	0	0.0	13.0	0.1
data4-6-21-00413.txt	6	4	21	13	0.1	13	13.0	2646	5952	0	0	0.0	13.0	0.1
data4-6-21-00414.txt	6	4	21	8	0.1	8	8.0	2646	5787	0	0	0.0	8.0	0.1
data4-6-21-00415.txt	6	4	21	14	0.1	14	14.0	2646	5890	0	0	0.0	13.5	0.1
data4-6-21-00416.txt	6	4	21	7	0.1	7	7.0	2646	5781	0	0	0.0	7.0	0.1
data4-6-21-00417.txt	6	4	21	15	0.1	15	15.0	2646	5909	0	1	0.0	14.0	0.1
data4-6-21-00418.txt	6	4	21	10	0.1	10	10.0	2646	5839	0	0	0.0	10.0	0.1
data4-6-21-00419.txt	6	4	21	11	0.1	11	11.0	2646	5833	0	0	0.0	11.0	0.1
data4-6-21-00420.txt	6	4	21	10	0.1	10	10.0	2646	5851	0	0	0.0	9.0	0.1
data4-6-21-00421.txt	6	4	21	10	0.1	10	10.0	2646	5831	0	0	0.0	9.5	0.1
data4-6-21-00422.txt	6	4	21	10	0.1	10	10.0	2646	5889	0	0	0.0	10.0	0.1
data4-6-21-00423.txt	6	4	21	10	0.1	10	10.0	2646	5830	0	0	0.0	10.0	0.1
data4-6-21-00424.txt	6	4	21	7	0.1	7	7.0	2646	5791	0	0	0.0	7.0	0.1
data4-6-21-00425.txt	6	4	21	10	0.1	10	10.0	2646	5909	0	0	0.0	10.0	0.1
data4-6-21-00426.txt	6	4	21	13	0.1	13	13.0	2646	5865	0	0	0.0	13.0	0.1
data4-6-21-00427.txt	6	4	21	12	0.1	12	12.0	2646	5835	0	0	0.0	11.5	0.1
data4-6-21-00428.txt	6	4	21	13	0.1	13	13.0	2646	5839	0	0	0.0	13.0	0.1
data4-6-21-00429.txt	6	4	21	18	0.2	18	18.0	2646	5896	0	0	0.0	18.0	0.1
data4-6-21-00430.txt	6	4	21	14	0.1	14	14.0	2646	5920	0	0	0.0	13.5	0.1
data4-6-21-00431.txt	6	4	21	12	0.1	12	12.0	2646	5829	0	0	0.0	12.0	0.1
data4-6-21-00432.txt	6	4	21	9	0.1	9	9.0	2646	5814	0	0	0.0	9.0	0.1
data4-6-21-00433.txt	6	4	21	13	0.1	13	13.0	2646	5782	0	1	0.0	12.0	0.1
data4-6-21-00434.txt	6	4	21	13	0.1	13	13.0	2646	5828	0	0	0.0	13.0	0.1
data4-6-21-00435.txt	6	4	21	9	0.1	9	9.0	2646	5773	0	0	0.0	9.0	0.1
data4-6-21-00436.txt	6	4	21	14	0.1	14	14.0	2646	5895	0	0	0.0	14.0	0.1
data4-6-21-00437.txt	6	4	21	13	0.1	13	13.0	2646	5892	0	0	0.0	13.0	0.1
data4-6-21-00438.txt	6	4	21	12	0.1	12	12.0	2646	5826	0	0	0.0	11.0	0.1
data4-6-21-00439.txt	6	4	21	8	0.1	8	8.0	2646	5782	0	0	0.0	8.0	0.1
data4-6-21-00440.txt	6	4	21	13	0.1	13	13.0	2646	5832	0	0	0.0	12.7	0.1
data4-6-21-00441.txt	6	4	21	13	0.1	13	13.0	2646	5903	0	0	0.0	13.0	0.1
data4-6-21-00442.txt	6	4	21	14	0.1	14	14.0	2646	5848	0	0	0.0	14.0	0.1
data4-6-21-00443.txt	6	4	21	12	0.1	12	12.0	2646	5957	0	0	0.0	12.0	0.1
data4-6-21-00444.txt	6	4	21	14	0.1	14	14.0	2646	5836	0	0	0.0	13.5	0.1
data4-6-21-00445.txt	6	4	21	15	0.1	15	15.0	2646	5939	0	0	0.0	14.5	0.1
data4-6-21-00446.txt	6	4	21	15	0.1	15	15.0	2646	5927	0	0	0.0	14.2	0.1
data4-6-21-00447.txt	6	4	21	10	0.1	10	10.0	2646	5770	0	0	0.0	9.0	0.1
data4-6-21-00448.txt	6	4	21	13	0.1	13	13.0	2646	5915	0	0	0.0	13.0	0.1
data4-6-21-00449.txt	6	4	21	15	0.1	15	15.0	2646	5862	0	0	0.0	15.0	0.1
data4-6-21-00450.txt	6	4	21	15	0.1	15	15.0	2646	5904	1	7	0.0	14.0	0.1
data4-6-21-00451.txt	6	4	21	10	0.1	10	10.0	2646	5814	0	0	0.0	10.0	0.1
data4-6-21-00452.txt	6	4	21	12	0.1	12	12.0	2646	5852	0	0	0.0	12.0	0.1
data4-6-21-00453.txt	6	4	21	15	0.1	15	15.0	2646	5903	0	0	0.0	15.0	0.1
data4-6-21-00454.txt	6	4	21	15	0.1	15	15.0	2646	5891	0	0	0.0	15.0	0.1
data4-6-21-00455.txt	6	4	21	10	0.1	10	10.0	2646	5861	0	0	0.0	10.0	0.1
data4-6-21-00456.txt	6	4	21	12	0.1	12	12.0	2646	5843	0	0	0.0	12.0	0.1
data4-6-21-00457.txt	6	4	21	13	0.1	13	13.0	2646	5874	0	0	0.0	12.5	0.1
data4-6-21-00458.txt	6	4	21	13	0.1	13	13.0	2646	5895	0	0	0.0	13.0	0.1
data4-6-21-00459.txt	6	4	21	16	0.1	16	16.0	2646	5886	0	3	0.0	15.0	0.1
data4-6-21-00460.txt	6	4	21	14	0.1	14	14.0	2646	5859	0	0	0.0	14.0	0.1
data4-6-21-00461.txt	6	4	21	12	0.1	12	12.0	2646	5842	0	1	0.0	11.0	0.1
data4-6-21-00462.txt	6	4	21	11	0.1	11	11.0	2646	5807	0	0	0.0	11.0	0.1
data4-6-21-00463.txt	6	4	21	13	0.1	13	13.0	2646	5958	0	0	0.0	12.0	0.1
data4-6-21-00464.txt	6	4	21	7	0.1	7	7.0	2646	5736	0	0	0.0	7.0	0.1
data4-6-21-00465.txt	6	4	21	11	0.1	11	11.0	2646	5831	0	0	0.0	11.0	0.1
data4-6-21-00466.txt	6	4	21	12	0.1	12	12.0	2646	5831	0	0	0.0	12.0	0.1
data4-6-21-00467.txt	6	4	21	15	0.1	15	15.0	2646	5992	1	10	0.0	14.0	0.1
data4-6-21-00468.txt	6	4	21	9	0.1	9	9.0	2646	5804	0	0	0.0	9.0	0.1
data4-6-21-00469.txt	6	4	21	18	0.1	18	18.0	2646	5890	0	2	0.0	17.0	0.1
data4-6-21-00470.txt	6	4	21	13	0.1	13	13.0	2646	5886	0	0	0.0	12.5	0.1
data4-6-21-00471.txt	6	4	21	14	0.1	14	14.0	2646	5930	0	0	0.0	14.0	0.1
data4-6-21-00472.txt	6	4	21	10	0.1	10	10.0	2646	5883	0	0	0.0	10.0	0.1
data4-6-21-00473.txt	6	4	21	18	0.1	18	18.0	2646	5972	0	0	0.0	17.5	0.1
data4-6-21-00474.txt	6	4	21	9	0.1	9	9.0	2646	5841	0	0	0.0	9.0	0.1
data4-6-21-00475.txt	6	4	21	6	0.1	6	6.0	2646	5760	0	0	0.0	6.0	0.1
data4-6-21-00476.txt	6	4	21	17	0.1	17	17.0	2646	5927	0	0	0.0	16.5	0.1
data4-6-21-00477.txt	6	4	21	13	0.1	13	13.0	2646	5884	0	0	0.0	13.0	0.1
data4-6-21-00478.txt	6	4	21	14	0.1	14	14.0	2646	5790	0	1	0.0	13.0	0.1
data4-6-21-00479.txt	6	4	21	8	0.1	8	8.0	2646	5833	0	0	0.0	8.0	0.1
data4-6-21-00480.txt	6	4	21	13	0.1	13	13.0	2646	5851	0	0	0.0	13.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-6-21-00481.txt	6	4	21	11	0.1	11	11.0	2646	5885	0	0	0.0	11.0	0.1
data4-6-21-00482.txt	6	4	21	10	0.1	10	10.0	2646	5904	0	0	0.0	10.0	0.1
data4-6-21-00483.txt	6	4	21	9	0.1	9	9.0	2646	5852	0	0	0.0	9.0	0.1
data4-6-21-00484.txt	6	4	21	15	0.1	15	15.0	2646	5861	0	2	0.0	14.0	0.1
data4-6-21-00485.txt	6	4	21	10	0.1	10	10.0	2646	5862	0	0	0.0	10.0	0.1
data4-6-21-00486.txt	6	4	21	18	0.1	18	18.0	2646	5958	1	3	0.0	16.0	0.1
data4-6-21-00487.txt	6	4	21	8	0.1	8	8.0	2646	5780	0	0	0.0	8.0	0.1
data4-6-21-00488.txt	6	4	21	10	0.1	10	10.0	2646	5835	0	0	0.0	10.0	0.1
data4-6-21-00489.txt	6	4	21	13	0.1	13	13.0	2646	5861	0	0	0.0	13.0	0.1
data4-6-21-00490.txt	6	4	21	13	0.1	13	13.0	2646	5996	0	0	0.0	13.0	0.1
data4-6-21-00491.txt	6	4	21	10	0.1	10	10.0	2646	5772	0	0	0.0	10.0	0.1
data4-6-21-00492.txt	6	4	21	12	0.1	12	12.0	2646	5878	0	0	0.0	12.0	0.1
data4-6-21-00493.txt	6	4	21	15	0.1	15	15.0	2646	5878	0	0	0.0	15.0	0.1
data4-6-21-00494.txt	6	4	21	12	0.1	12	12.0	2646	5870	0	1	0.0	11.0	0.1
data4-6-21-00495.txt	6	4	21	12	0.1	12	12.0	2646	5919	0	0	0.0	12.0	0.1
data4-6-21-00496.txt	6	4	21	15	0.1	15	15.0	2646	5846	0	0	0.0	15.0	0.1
data4-6-21-00497.txt	6	4	21	14	0.1	14	14.0	2646	5831	0	0	0.0	13.5	0.1
data4-6-21-00498.txt	6	4	21	10	0.1	10	10.0	2646	5831	0	1	0.0	9.0	0.1
data4-6-21-00499.txt	6	4	21	12	0.1	12	12.0	2646	5884	0	0	0.0	12.0	0.1
data4-6-21-00500.txt	6	4	21	13	0.1	13	13.0	2646	5896	0	0	0.0	13.0	0.1
data4-6-22-00501.txt	6	4	22	12	0.1	12	12.0	2904	6418	0	0	0.0	12.0	0.1
data4-6-22-00502.txt	6	4	22	17	0.1	17	17.0	2904	6476	0	0	0.0	17.0	0.1
data4-6-22-00503.txt	6	4	22	14	0.1	14	14.0	2904	6501	0	0	0.0	14.0	0.1
data4-6-22-00504.txt	6	4	22	16	0.1	16	16.0	2904	6450	0	0	0.0	16.0	0.1
data4-6-22-00505.txt	6	4	22	18	0.3	18	18.0	2904	6484	1	8	0.0	16.5	0.1
data4-6-22-00506.txt	6	4	22	15	0.1	15	15.0	2904	6456	0	4	0.0	14.0	0.1
data4-6-22-00507.txt	6	4	22	14	0.2	14	14.0	2904	6473	0	0	0.0	13.5	0.1
data4-6-22-00508.txt	6	4	22	11	0.1	11	11.0	2904	6368	0	0	0.0	11.0	0.1
data4-6-22-00509.txt	6	4	22	19	0.2	19	19.0	2904	6520	0	0	0.0	19.0	0.1
data4-6-22-00510.txt	6	4	22	10	0.1	10	10.0	2904	6358	0	0	0.0	10.0	0.1
data4-6-22-00511.txt	6	4	22	13	0.1	13	13.0	2904	6420	0	0	0.0	13.0	0.1
data4-6-22-00512.txt	6	4	22	15	0.1	15	15.0	2904	6411	0	0	0.0	15.0	0.1
data4-6-22-00513.txt	6	4	22	15	0.1	15	15.0	2904	6517	0	0	0.0	15.0	0.1
data4-6-22-00514.txt	6	4	22	10	0.1	10	10.0	2904	6432	0	0	0.0	10.0	0.1
data4-6-22-00515.txt	6	4	22	15	0.1	15	15.0	2904	6461	0	0	0.0	14.5	0.1
data4-6-22-00516.txt	6	4	22	17	0.1	17	17.0	2904	6475	0	0	0.0	17.0	0.1
data4-6-22-00517.txt	6	4	22	16	0.2	16	16.0	2904	6450	0	0	0.0	15.0	0.1
data4-6-22-00518.txt	6	4	22	17	0.1	17	17.0	2904	6418	0	6	0.0	15.0	0.1
data4-6-22-00519.txt	6	4	22	16	0.1	16	16.0	2904	6480	0	0	0.0	16.0	0.1
data4-6-22-00520.txt	6	4	22	14	0.1	14	14.0	2904	6421	0	0	0.0	14.0	0.1
data4-6-22-00521.txt	6	4	22	9	0.1	9	9.0	2904	6409	0	0	0.0	9.0	0.1
data4-6-22-00522.txt	6	4	22	9	0.1	9	9.0	2904	6353	0	0	0.0	9.0	0.1
data4-6-22-00523.txt	6	4	22	12	0.1	12	12.0	2904	6396	0	0	0.0	12.0	0.1
data4-6-22-00524.txt	6	4	22	18	0.1	18	18.0	2904	6508	0	9	0.0	17.0	0.1
data4-6-22-00525.txt	6	4	22	15	0.2	15	15.0	2904	6465	1	1	0.0	13.3	0.1
data4-6-22-00526.txt	6	4	22	14	0.1	14	14.0	2904	6423	0	1	0.0	13.0	0.1
data4-6-22-00527.txt	6	4	22	17	0.1	17	17.0	2904	6460	0	0	0.0	16.5	0.1
data4-6-22-00528.txt	6	4	22	11	0.1	11	11.0	2904	6414	0	0	0.0	11.0	0.1
data4-6-22-00529.txt	6	4	22	14	0.1	14	14.0	2904	6421	0	0	0.0	14.0	0.1
data4-6-22-00530.txt	6	4	22	17	0.1	17	17.0	2904	6540	0	2	0.0	16.0	0.1
data4-6-22-00531.txt	6	4	22	10	0.1	10	10.0	2904	6339	0	0	0.0	10.0	0.1
data4-6-22-00532.txt	6	4	22	12	0.1	12	12.0	2904	6399	0	4	0.0	11.0	0.1
data4-6-22-00533.txt	6	4	22	9	0.1	9	9.0	2904	6349	0	0	0.0	9.0	0.1
data4-6-22-00534.txt	6	4	22	11	0.1	11	11.0	2904	6414	0	0	0.0	11.0	0.1
data4-6-22-00535.txt	6	4	22	14	0.1	14	14.0	2904	6495	0	0	0.0	13.1	0.1
data4-6-22-00536.txt	6	4	22	10	0.1	10	10.0	2904	6310	0	0	0.0	10.0	0.1
data4-6-22-00537.txt	6	4	22	14	0.1	14	14.0	2904	6361	0	0	0.0	14.0	0.1
data4-6-22-00538.txt	6	4	22	13	0.1	13	13.0	2904	6458	0	0	0.0	13.0	0.1
data4-6-22-00539.txt	6	4	22	18	0.2	18	18.0	2904	6522	0	0	0.0	18.0	0.1
data4-6-22-00540.txt	6	4	22	13	0.1	13	13.0	2904	6415	0	0	0.0	13.0	0.1
data4-6-22-00541.txt	6	4	22	15	0.1	15	15.0	2904	6429	0	0	0.0	14.0	0.1
data4-6-22-00542.txt	6	4	22	13	0.1	13	13.0	2904	6441	0	1	0.0	12.0	0.1
data4-6-22-00543.txt	6	4	22	12	0.1	12	12.0	2904	6389	0	0	0.0	12.0	0.1
data4-6-22-00544.txt	6	4	22	15	0.1	15	15.0	2904	6471	0	0	0.0	15.0	0.1
data4-6-22-00545.txt	6	4	22	15	0.1	15	15.0	2904	6451	0	0	0.0	15.0	0.1
data4-6-22-00546.txt	6	4	22	16	0.1	16	16.0	2904	6394	0	2	0.0	15.0	0.1
data4-6-22-00547.txt	6	4	22	10	0.1	10	10.0	2904	6412	0	0	0.0	10.0	0.1
data4-6-22-00548.txt	6	4	22	10	0.1	10	10.0	2904	6314	0	0	0.0	9.5	0.1
data4-6-22-00549.txt	6	4	22	15	0.1	15	15.0	2904	6462	0	7	0.0	13.0	0.1
data4-6-22-00550.txt	6	4	22	17	0.1	17	17.0	2904	6511	0	0	0.0	16.5	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-6-22-00551.txt	6	4	22	11	0.1	11	11.0	2904	6415	0	0	0.0	11.0	0.1
data4-6-22-00552.txt	6	4	22	10	0.1	10	10.0	2904	6342	0	0	0.0	10.0	0.1
data4-6-22-00553.txt	6	4	22	12	0.1	12	12.0	2904	6416	0	0	0.0	12.0	0.1
data4-6-22-00554.txt	6	4	22	14	0.1	14	14.0	2904	6420	0	0	0.0	13.5	0.1
data4-6-22-00555.txt	6	4	22	14	0.1	14	14.0	2904	6388	0	0	0.0	13.3	0.1
data4-6-22-00556.txt	6	4	22	14	0.1	14	14.0	2904	6405	0	2	0.0	13.0	0.1
data4-6-22-00557.txt	6	4	22	15	0.1	15	15.0	2904	6408	0	1	0.0	14.0	0.1
data4-6-22-00558.txt	6	4	22	8	0.1	8	8.0	2904	6361	0	0	0.0	8.0	0.1
data4-6-22-00559.txt	6	4	22	15	0.1	15	15.0	2904	6425	0	0	0.0	15.0	0.1
data4-6-22-00560.txt	6	4	22	13	0.1	13	13.0	2904	6391	0	0	0.0	13.0	0.1
data4-6-22-00561.txt	6	4	22	6	0.1	6	6.0	2904	6309	0	0	0.0	6.0	0.1
data4-6-22-00562.txt	6	4	22	15	0.1	15	15.0	2904	6472	0	4	0.0	14.0	0.1
data4-6-22-00563.txt	6	4	22	15	0.1	15	15.0	2904	6454	0	0	0.0	15.0	0.1
data4-6-22-00564.txt	6	4	22	14	0.1	14	14.0	2904	6395	0	1	0.0	13.0	0.1
data4-6-22-00565.txt	6	4	22	13	0.1	13	13.0	2904	6417	0	3	0.0	12.0	0.1
data4-6-22-00566.txt	6	4	22	13	0.1	13	13.0	2904	6345	0	0	0.0	12.5	0.1
data4-6-22-00567.txt	6	4	22	11	0.1	11	11.0	2904	6416	0	0	0.0	11.0	0.1
data4-6-22-00568.txt	6	4	22	15	0.1	15	15.0	2904	6480	0	0	0.0	15.0	0.1
data4-6-22-00569.txt	6	4	22	13	0.1	13	13.0	2904	6412	0	0	0.0	12.0	0.1
data4-6-22-00570.txt	6	4	22	9	0.1	9	9.0	2904	6321	0	0	0.0	9.0	0.1
data4-6-22-00571.txt	6	4	22	16	0.1	16	16.0	2904	6385	0	0	0.0	16.0	0.1
data4-6-22-00572.txt	6	4	22	10	0.1	10	10.0	2904	6357	0	0	0.0	10.0	0.1
data4-6-22-00573.txt	6	4	22	11	0.1	11	11.0	2904	6436	0	2	0.0	10.0	0.1
data4-6-22-00574.txt	6	4	22	16	0.1	16	16.0	2904	6518	0	1	0.0	15.0	0.1
data4-6-22-00575.txt	6	4	22	13	0.1	13	13.0	2904	6418	0	0	0.0	13.0	0.1
data4-6-22-00576.txt	6	4	22	10	0.1	10	10.0	2904	6292	0	0	0.0	10.0	0.1
data4-6-22-00577.txt	6	4	22	12	0.1	12	12.0	2904	6483	0	2	0.0	11.0	0.1
data4-6-22-00578.txt	6	4	22	17	0.2	17	17.0	2904	6497	1	7	0.0	16.0	0.1
data4-6-22-00579.txt	6	4	22	14	0.1	14	14.0	2904	6395	1	4	0.0	12.5	0.1
data4-6-22-00580.txt	6	4	22	15	0.1	15	15.0	2904	6403	0	0	0.0	14.2	0.1
data4-6-22-00581.txt	6	4	22	16	0.1	16	16.0	2904	6457	0	0	0.0	15.5	0.1
data4-6-22-00582.txt	6	4	22	12	0.1	12	12.0	2904	6429	0	0	0.0	12.0	0.1
data4-6-22-00583.txt	6	4	22	12	0.1	12	12.0	2904	6476	0	1	0.0	11.0	0.1
data4-6-22-00584.txt	6	4	22	16	0.1	16	16.0	2904	6492	0	0	0.0	16.0	0.1
data4-6-22-00585.txt	6	4	22	15	0.1	15	15.0	2904	6464	0	0	0.0	14.5	0.1
data4-6-22-00586.txt	6	4	22	12	0.1	12	12.0	2904	6356	0	0	0.0	11.5	0.1
data4-6-22-00587.txt	6	4	22	17	0.1	17	17.0	2904	6408	0	1	0.0	16.0	0.1
data4-6-22-00588.txt	6	4	22	16	0.1	16	16.0	2904	6426	0	2	0.0	15.0	0.1
data4-6-22-00589.txt	6	4	22	10	0.1	10	10.0	2904	6349	0	0	0.0	10.0	0.1
data4-6-22-00590.txt	6	4	22	12	0.1	12	12.0	2904	6354	0	0	0.0	12.0	0.1
data4-6-22-00591.txt	6	4	22	20	0.2	20	20.0	2904	6495	1	4	0.0	18.0	0.1
data4-6-22-00592.txt	6	4	22	12	0.1	12	12.0	2904	6388	0	0	0.0	12.0	0.1
data4-6-22-00593.txt	6	4	22	13	0.1	13	13.0	2904	6481	0	0	0.0	13.0	0.1
data4-6-22-00594.txt	6	4	22	18	0.2	18	18.0	2904	6457	0	0	0.0	17.5	0.1
data4-6-22-00595.txt	6	4	22	16	0.1	16	16.0	2904	6444	0	0	0.0	16.0	0.1
data4-6-22-00596.txt	6	4	22	15	0.1	15	15.0	2904	6427	0	0	0.0	14.0	0.1
data4-6-22-00597.txt	6	4	22	13	0.1	13	13.0	2904	6483	0	0	0.0	13.0	0.1
data4-6-22-00598.txt	6	4	22	16	0.1	16	16.0	2904	6483	0	0	0.0	16.0	0.1
data4-6-22-00599.txt	6	4	22	14	0.1	14	14.0	2904	6422	0	0	0.0	14.0	0.1
data4-6-22-00600.txt	6	4	22	13	0.1	13	13.0	2904	6434	0	0	0.0	13.0	0.1
data4-6-23-00601.txt	6	4	23	11	0.1	11	11.0	3174	6931	0	0	0.0	11.0	0.1
data4-6-23-00602.txt	6	4	23	14	0.1	14	14.0	3174	6999	0	0	0.0	13.5	0.1
data4-6-23-00603.txt	6	4	23	11	0.1	11	11.0	3174	7044	0	0	0.0	11.0	0.1
data4-6-23-00604.txt	6	4	23	8	0.1	8	8.0	3174	6955	0	0	0.0	8.0	0.1
data4-6-23-00605.txt	6	4	23	15	0.3	15	15.0	3174	7031	1	0	0.0	13.0	0.1
data4-6-23-00606.txt	6	4	23	9	0.1	9	9.0	3174	6949	0	0	0.0	9.0	0.1
data4-6-23-00607.txt	6	4	23	8	0.1	8	8.0	3174	6957	0	0	0.0	8.0	0.1
data4-6-23-00608.txt	6	4	23	11	0.1	11	11.0	3174	7022	0	0	0.0	11.0	0.1
data4-6-23-00609.txt	6	4	23	14	0.1	14	14.0	3174	7015	0	0	0.0	14.0	0.1
data4-6-23-00610.txt	6	4	23	13	0.1	13	13.0	3174	6974	0	0	0.0	13.0	0.1
data4-6-23-00611.txt	6	4	23	13	0.1	13	13.0	3174	7030	0	0	0.0	13.0	0.1
data4-6-23-00612.txt	6	4	23	12	0.1	12	12.0	3174	7105	0	0	0.0	12.0	0.1
data4-6-23-00613.txt	6	4	23	12	0.1	12	12.0	3174	6962	0	0	0.0	12.0	0.1
data4-6-23-00614.txt	6	4	23	18	0.1	18	18.0	3174	7067	0	1	0.0	16.5	0.1
data4-6-23-00615.txt	6	4	23	8	0.1	8	8.0	3174	6928	0	0	0.0	8.0	0.1
data4-6-23-00616.txt	6	4	23	14	0.1	14	14.0	3174	7022	0	0	0.0	14.0	0.1
data4-6-23-00617.txt	6	4	23	17	0.1	17	17.0	3174	7104	1	6	0.0	16.0	0.1
data4-6-23-00618.txt	6	4	23	15	0.1	15	15.0	3174	6994	0	0	0.0	15.0	0.1
data4-6-23-00619.txt	6	4	23	12	0.1	12	12.0	3174	7014	0	0	0.0	12.0	0.1
data4-6-23-00620.txt	6	4	23	14	0.1	14	14.0	3174	7018	0	0	0.0	14.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-6-23-00621.txt	6	4	23	17	0.1	17	17.0	3174	7054	0	0	0.0	16.5	0.1
data4-6-23-00622.txt	6	4	23	12	0.1	12	12.0	3174	7054	0	0	0.0	12.0	0.1
data4-6-23-00623.txt	6	4	23	16	0.1	16	16.0	3174	6957	0	1	0.0	15.0	0.1
data4-6-23-00624.txt	6	4	23	14	0.1	14	14.0	3174	7021	0	0	0.0	13.5	0.1
data4-6-23-00625.txt	6	4	23	18	0.2	18	18.0	3174	7028	1	1	0.0	16.5	0.1
data4-6-23-00626.txt	6	4	23	9	0.1	9	9.0	3174	6939	0	0	0.0	9.0	0.1
data4-6-23-00627.txt	6	4	23	16	0.1	16	16.0	3174	7072	0	0	0.0	16.0	0.1
data4-6-23-00628.txt	6	4	23	13	0.1	13	13.0	3174	6989	0	0	0.0	13.0	0.1
data4-6-23-00629.txt	6	4	23	11	0.1	11	11.0	3174	6972	0	0	0.0	11.0	0.1
data4-6-23-00630.txt	6	4	23	15	0.1	15	15.0	3174	7130	0	0	0.0	14.5	0.1
data4-6-23-00631.txt	6	4	23	14	0.1	14	14.0	3174	6960	0	0	0.0	14.0	0.1
data4-6-23-00632.txt	6	4	23	13	0.1	13	13.0	3174	7069	0	0	0.0	13.0	0.1
data4-6-23-00633.txt	6	4	23	12	0.1	12	12.0	3174	6974	0	0	0.0	12.0	0.1
data4-6-23-00634.txt	6	4	23	13	0.1	13	13.0	3174	6987	0	2	0.0	12.0	0.1
data4-6-23-00635.txt	6	4	23	11	0.1	11	11.0	3174	6969	0	0	0.0	11.0	0.1
data4-6-23-00636.txt	6	4	23	15	0.1	15	15.0	3174	7052	0	0	0.0	15.0	0.1
data4-6-23-00637.txt	6	4	23	17	0.1	17	17.0	3174	6980	0	0	0.0	17.0	0.1
data4-6-23-00638.txt	6	4	23	17	0.2	17	17.0	3174	7109	0	0	0.0	16.0	0.1
data4-6-23-00639.txt	6	4	23	18	0.1	18	18.0	3174	7086	0	0	0.0	18.0	0.1
data4-6-23-00640.txt	6	4	23	16	0.2	16	16.0	3174	7055	0	1	0.0	15.0	0.1
data4-6-23-00641.txt	6	4	23	14	0.1	14	14.0	3174	7020	0	0	0.0	14.0	0.1
data4-6-23-00642.txt	6	4	23	11	0.1	11	11.0	3174	6953	0	0	0.0	10.5	0.1
data4-6-23-00643.txt	6	4	23	21	0.2	21	21.0	3174	7168	1	14	0.0	20.0	0.1
data4-6-23-00644.txt	6	4	23	14	0.1	14	14.0	3174	7001	0	0	0.0	14.0	0.1
data4-6-23-00645.txt	6	4	23	15	0.1	15	15.0	3174	7052	0	0	0.0	15.0	0.1
data4-6-23-00646.txt	6	4	23	12	0.1	12	12.0	3174	7069	0	0	0.0	12.0	0.1
data4-6-23-00647.txt	6	4	23	15	0.1	15	15.0	3174	7103	0	0	0.0	15.0	0.1
data4-6-23-00648.txt	6	4	23	14	0.1	14	14.0	3174	7009	0	0	0.0	14.0	0.1
data4-6-23-00649.txt	6	4	23	17	0.1	17	17.0	3174	7002	0	1	0.0	16.0	0.1
data4-6-23-00650.txt	6	4	23	19	0.2	19	19.0	3174	7092	0	1	0.0	18.0	0.1
data4-6-23-00651.txt	6	4	23	11	0.1	11	11.0	3174	6995	0	0	0.0	11.0	0.1
data4-6-23-00652.txt	6	4	23	19	0.2	19	19.0	3174	7059	0	0	0.0	19.0	0.1
data4-6-23-00653.txt	6	4	23	13	0.1	13	13.0	3174	7031	0	0	0.0	13.0	0.1
data4-6-23-00654.txt	6	4	23	14	0.2	14	14.0	3174	7075	0	0	0.0	14.0	0.1
data4-6-23-00655.txt	6	4	23	14	0.1	14	14.0	3174	7065	0	0	0.0	14.0	0.1
data4-6-23-00656.txt	6	4	23	12	0.1	12	12.0	3174	7070	0	0	0.0	12.0	0.1
data4-6-23-00657.txt	6	4	23	16	0.1	16	16.0	3174	7081	0	0	0.0	16.0	0.1
data4-6-23-00658.txt	6	4	23	11	0.1	11	11.0	3174	6972	0	0	0.0	10.5	0.1
data4-6-23-00659.txt	6	4	23	15	0.1	15	15.0	3174	7006	0	0	0.0	15.0	0.1
data4-6-23-00660.txt	6	4	23	17	0.2	17	17.0	3174	7032	0	0	0.0	16.0	0.1
data4-6-23-00661.txt	6	4	23	14	0.1	14	14.0	3174	7072	0	0	0.0	14.0	0.1
data4-6-23-00662.txt	6	4	23	13	0.1	13	13.0	3174	6985	0	0	0.0	13.0	0.1
data4-6-23-00663.txt	6	4	23	12	0.1	12	12.0	3174	6978	0	0	0.0	12.0	0.1
data4-6-23-00664.txt	6	4	23	18	0.2	18	18.0	3174	7043	1	9	0.0	17.0	0.1
data4-6-23-00665.txt	6	4	23	13	0.1	13	13.0	3174	7017	0	0	0.0	12.5	0.1
data4-6-23-00666.txt	6	4	23	15	0.1	15	15.0	3174	7048	0	1	0.0	14.0	0.1
data4-6-23-00667.txt	6	4	23	13	0.1	13	13.0	3174	7029	0	0	0.0	13.0	0.1
data4-6-23-00668.txt	6	4	23	14	0.1	14	14.0	3174	7062	0	0	0.0	14.0	0.1
data4-6-23-00669.txt	6	4	23	12	0.1	12	12.0	3174	6998	0	0	0.0	12.0	0.1
data4-6-23-00670.txt	6	4	23	14	0.1	14	14.0	3174	7078	0	0	0.0	14.0	0.1
data4-6-23-00671.txt	6	4	23	12	0.1	12	12.0	3174	6962	0	0	0.0	12.0	0.1
data4-6-23-00672.txt	6	4	23	10	0.1	10	10.0	3174	6920	0	0	0.0	10.0	0.1
data4-6-23-00673.txt	6	4	23	13	0.1	13	13.0	3174	7029	0	0	0.0	13.0	0.1
data4-6-23-00674.txt	6	4	23	13	0.1	13	13.0	3174	6986	0	0	0.0	13.0	0.1
data4-6-23-00675.txt	6	4	23	12	0.1	12	12.0	3174	6909	0	0	0.0	12.0	0.1
data4-6-23-00676.txt	6	4	23	16	0.1	16	16.0	3174	7052	0	2	0.0	15.0	0.1
data4-6-23-00677.txt	6	4	23	13	0.1	13	13.0	3174	7032	0	0	0.0	13.0	0.1
data4-6-23-00678.txt	6	4	23	11	0.1	11	11.0	3174	6937	0	0	0.0	11.0	0.1
data4-6-23-00679.txt	6	4	23	15	0.1	15	15.0	3174	7028	0	0	0.0	15.0	0.1
data4-6-23-00680.txt	6	4	23	13	0.1	13	13.0	3174	7089	0	0	0.0	13.0	0.1
data4-6-23-00681.txt	6	4	23	10	0.1	10	10.0	3174	6959	0	0	0.0	10.0	0.1
data4-6-23-00682.txt	6	4	23	17	0.1	17	17.0	3174	7030	0	4	0.0	15.0	0.1
data4-6-23-00683.txt	6	4	23	8	0.1	8	8.0	3174	6938	0	0	0.0	8.0	0.1
data4-6-23-00684.txt	6	4	23	11	0.1	11	11.0	3174	7000	0	0	0.0	10.5	0.1
data4-6-23-00685.txt	6	4	23	12	0.1	12	12.0	3174	7057	0	0	0.0	12.0	0.1
data4-6-23-00686.txt	6	4	23	13	0.1	13	13.0	3174	6978	0	0	0.0	13.0	0.1
data4-6-23-00687.txt	6	4	23	9	0.1	9	9.0	3174	6882	0	0	0.0	9.0	0.1
data4-6-23-00688.txt	6	4	23	13	0.1	13	13.0	3174	7025	0	0	0.0	13.0	0.1
data4-6-23-00689.txt	6	4	23	14	0.1	14	14.0	3174	7078	0	0	0.0	14.0	0.1
data4-6-23-00690.txt	6	4	23	14	0.2	14	14.0	3174	7046	0	0	0.0	14.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-6-23-00691.txt	6	4	23	17	0.1	17	17.0	3174	7053	0	0	0.0	16.5	0.1
data4-6-23-00692.txt	6	4	23	20	0.2	20	20.0	3174	7112	0	0	0.0	19.0	0.1
data4-6-23-00693.txt	6	4	23	11	0.1	11	11.0	3174	7007	0	0	0.0	11.0	0.1
data4-6-23-00694.txt	6	4	23	15	0.1	15	15.0	3174	7059	0	0	0.0	14.5	0.1
data4-6-23-00695.txt	6	4	23	12	0.1	12	12.0	3174	7043	0	1	0.0	11.0	0.1
data4-6-23-00696.txt	6	4	23	14	0.1	14	14.0	3174	7061	0	0	0.0	14.0	0.1
data4-6-23-00697.txt	6	4	23	11	0.1	11	11.0	3174	6947	0	0	0.0	10.5	0.1
data4-6-23-00698.txt	6	4	23	12	0.1	12	12.0	3174	6934	0	0	0.0	12.0	0.1
data4-6-23-00699.txt	6	4	23	9	0.1	9	9.0	3174	6991	0	0	0.0	9.0	0.1
data4-6-23-00700.txt	6	4	23	15	0.1	15	15.0	3174	7021	0	0	0.0	15.0	0.1
data4-7-24-02801.txt	7	4	24	12	0.2	12	12.0	4032	8903	0	0	0.0	11.0	0.1
data4-7-24-02802.txt	7	4	24	11	0.1	11	11.0	4032	8780	0	0	0.0	11.0	0.1
data4-7-24-02803.txt	7	4	24	15	0.2	15	15.0	4032	8906	0	0	0.0	14.5	0.1
data4-7-24-02804.txt	7	4	24	14	0.2	14	14.0	4032	8878	0	0	0.0	13.0	0.1
data4-7-24-02805.txt	7	4	24	13	0.1	13	13.0	4032	8879	0	0	0.0	13.0	0.1
data4-7-24-02806.txt	7	4	24	9	0.1	9	9.0	4032	8783	0	0	0.0	9.0	0.1
data4-7-24-02807.txt	7	4	24	11	0.1	11	11.0	4032	8797	0	0	0.0	11.0	0.1
data4-7-24-02808.txt	7	4	24	14	0.1	14	14.0	4032	8798	0	0	0.0	14.0	0.1
data4-7-24-02809.txt	7	4	24	19	0.3	19	19.0	4032	9044	1	29	0.0	18.0	0.1
data4-7-24-02810.txt	7	4	24	12	0.1	12	12.0	4032	8792	0	0	0.0	12.0	0.1
data4-7-24-02811.txt	7	4	24	7	0.1	7	7.0	4032	8720	0	0	0.0	7.0	0.1
data4-7-24-02812.txt	7	4	24	13	0.2	13	13.0	4032	8844	1	0	0.0	11.0	0.1
data4-7-24-02813.txt	7	4	24	15	0.2	15	15.0	4032	8912	0	0	0.0	15.0	0.1
data4-7-24-02814.txt	7	4	24	13	0.2	13	13.0	4032	8806	1	0	0.0	11.5	0.1
data4-7-24-02815.txt	7	4	24	13	0.1	13	13.0	4032	8831	0	0	0.0	13.0	0.1
data4-7-24-02816.txt	7	4	24	16	0.2	16	16.0	4032	8999	0	0	0.0	16.0	0.1
data4-7-24-02817.txt	7	4	24	15	0.2	15	15.0	4032	8905	0	0	0.0	15.0	0.1
data4-7-24-02818.txt	7	4	24	17	0.2	17	17.0	4032	8885	0	0	0.0	17.0	0.1
data4-7-24-02819.txt	7	4	24	12	0.1	12	12.0	4032	8777	0	0	0.0	11.5	0.1
data4-7-24-02820.txt	7	4	24	15	0.2	15	15.0	4032	8873	0	0	0.0	14.5	0.1
data4-7-24-02821.txt	7	4	24	13	0.2	13	13.0	4032	8752	0	0	0.0	13.0	0.1
data4-7-24-02822.txt	7	4	24	13	0.2	13	13.0	4032	8871	0	0	0.0	12.5	0.1
data4-7-24-02823.txt	7	4	24	15	0.2	15	15.0	4032	8939	0	2	0.0	14.0	0.1
data4-7-24-02824.txt	7	4	24	12	0.2	12	12.0	4032	8905	0	0	0.0	12.0	0.1
data4-7-24-02825.txt	7	4	24	8	0.1	8	8.0	4032	8780	0	0	0.0	8.0	0.1
data4-7-24-02826.txt	7	4	24	8	0.1	8	8.0	4032	8739	0	0	0.0	8.0	0.1
data4-7-24-02827.txt	7	4	24	9	0.1	9	9.0	4032	8836	0	0	0.0	9.0	0.1
data4-7-24-02828.txt	7	4	24	11	0.2	11	11.0	4032	8753	0	0	0.0	11.0	0.1
data4-7-24-02829.txt	7	4	24	12	0.1	12	12.0	4032	8819	0	0	0.0	12.0	0.1
data4-7-24-02830.txt	7	4	24	11	0.1	11	11.0	4032	8752	0	0	0.0	11.0	0.1
data4-7-24-02831.txt	7	4	24	13	0.2	13	13.0	4032	8855	0	0	0.0	13.0	0.1
data4-7-24-02832.txt	7	4	24	15	0.2	15	15.0	4032	8827	0	0	0.0	14.0	0.1
data4-7-24-02833.txt	7	4	24	17	0.2	17	17.0	4032	8895	0	0	0.0	16.0	0.1
data4-7-24-02834.txt	7	4	24	12	0.2	12	12.0	4032	8894	0	4	0.0	11.0	0.1
data4-7-24-02835.txt	7	4	24	12	0.2	12	12.0	4032	8939	0	0	0.0	12.0	0.1
data4-7-24-02836.txt	7	4	24	16	0.2	16	16.0	4032	8889	0	0	0.0	16.0	0.1
data4-7-24-02837.txt	7	4	24	13	0.1	13	13.0	4032	8790	0	0	0.0	13.0	0.1
data4-7-24-02838.txt	7	4	24	11	0.1	11	11.0	4032	8783	0	0	0.0	10.0	0.1
data4-7-24-02839.txt	7	4	24	12	0.1	12	12.0	4032	8791	0	0	0.0	12.0	0.1
data4-7-24-02840.txt	7	4	24	13	0.1	13	13.0	4032	8773	0	0	0.0	13.0	0.1
data4-7-24-02841.txt	7	4	24	11	0.1	11	11.0	4032	8841	0	0	0.0	11.0	0.1
data4-7-24-02842.txt	7	4	24	12	0.2	12	12.0	4032	8869	0	0	0.0	12.0	0.1
data4-7-24-02843.txt	7	4	24	16	0.2	16	16.0	4032	8949	0	0	0.0	16.0	0.1
data4-7-24-02844.txt	7	4	24	12	0.1	12	12.0	4032	8814	0	0	0.0	12.0	0.1
data4-7-24-02845.txt	7	4	24	17	0.2	17	17.0	4032	8934	0	0	0.0	17.0	0.1
data4-7-24-02846.txt	7	4	24	9	0.1	9	9.0	4032	8703	0	0	0.0	9.0	0.1
data4-7-24-02847.txt	7	4	24	9	0.1	9	9.0	4032	8823	0	0	0.0	9.0	0.1
data4-7-24-02848.txt	7	4	24	16	0.3	16	16.0	4032	9028	0	0	0.0	14.5	0.1
data4-7-24-02849.txt	7	4	24	16	0.2	16	16.0	4032	8888	0	0	0.0	16.0	0.1
data4-7-24-02850.txt	7	4	24	16	0.2	16	16.0	4032	8992	0	0	0.0	16.0	0.1
data4-7-24-02851.txt	7	4	24	16	0.2	16	16.0	4032	8929	0	0	0.0	16.0	0.1
data4-7-24-02852.txt	7	4	24	14	0.2	14	14.0	4032	8918	0	0	0.0	14.0	0.1
data4-7-24-02853.txt	7	4	24	15	0.1	15	15.0	4032	8803	0	0	0.0	15.0	0.1
data4-7-24-02854.txt	7	4	24	14	0.1	14	14.0	4032	8745	0	0	0.0	13.0	0.1
data4-7-24-02855.txt	7	4	24	14	0.2	14	14.0	4032	8864	0	0	0.0	14.0	0.1
data4-7-24-02856.txt	7	4	24	6	0.1	6	6.0	4032	8709	0	0	0.0	6.0	0.1
data4-7-24-02857.txt	7	4	24	11	0.2	11	11.0	4032	8963	0	0	0.0	11.0	0.1
data4-7-24-02858.txt	7	4	24	13	0.2	13	13.0	4032	8948	0	0	0.0	13.0	0.1
data4-7-24-02859.txt	7	4	24	14	0.2	14	14.0	4032	8934	0	0	0.0	14.0	0.1
data4-7-24-02860.txt	7	4	24	12	0.1	12	12.0	4032	8845	0	0	0.0	12.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-7-24-02861.txt	7	4	24	13	0.2	13	13.0	4032	8833	0	0	0.0	13.0	0.1
data4-7-24-02862.txt	7	4	24	11	0.1	11	11.0	4032	8824	0	0	0.0	11.0	0.1
data4-7-24-02863.txt	7	4	24	12	0.2	12	12.0	4032	8879	0	0	0.0	12.0	0.1
data4-7-24-02864.txt	7	4	24	7	0.1	7	7.0	4032	8646	0	0	0.0	7.0	0.1
data4-7-24-02865.txt	7	4	24	13	0.2	13	13.0	4032	8897	0	0	0.0	13.0	0.1
data4-7-24-02866.txt	7	4	24	14	0.2	14	14.0	4032	8890	0	0	0.0	13.2	0.1
data4-7-24-02867.txt	7	4	24	15	0.2	15	15.0	4032	8942	0	0	0.0	14.0	0.1
data4-7-24-02868.txt	7	4	24	16	0.2	16	16.0	4032	8885	0	0	0.0	16.0	0.1
data4-7-24-02869.txt	7	4	24	11	0.1	11	11.0	4032	8887	0	0	0.0	11.0	0.1
data4-7-24-02870.txt	7	4	24	14	0.2	14	14.0	4032	8814	0	0	0.0	14.0	0.1
data4-7-24-02871.txt	7	4	24	15	0.2	15	15.0	4032	8829	0	0	0.0	15.0	0.1
data4-7-24-02872.txt	7	4	24	14	0.1	14	14.0	4032	8775	0	2	0.0	13.0	0.1
data4-7-24-02873.txt	7	4	24	14	0.2	14	14.0	4032	8957	0	0	0.0	14.0	0.1
data4-7-24-02874.txt	7	4	24	14	0.2	14	14.0	4032	8934	0	0	0.0	14.0	0.1
data4-7-24-02875.txt	7	4	24	16	0.2	16	16.0	4032	8794	0	0	0.0	15.5	0.1
data4-7-24-02876.txt	7	4	24	17	0.2	17	17.0	4032	8878	0	0	0.0	16.5	0.1
data4-7-24-02877.txt	7	4	24	11	0.2	11	11.0	4032	8872	0	0	0.0	11.0	0.1
data4-7-24-02878.txt	7	4	24	13	0.2	13	13.0	4032	8861	0	0	0.0	12.5	0.1
data4-7-24-02879.txt	7	4	24	11	0.1	11	11.0	4032	8849	0	0	0.0	11.0	0.1
data4-7-24-02880.txt	7	4	24	11	0.1	11	11.0	4032	8757	0	0	0.0	11.0	0.1
data4-7-24-02881.txt	7	4	24	17	0.2	17	17.0	4032	8986	0	0	0.0	17.0	0.1
data4-7-24-02882.txt	7	4	24	13	0.2	13	13.0	4032	8951	0	0	0.0	13.0	0.1
data4-7-24-02883.txt	7	4	24	10	0.1	10	10.0	4032	8741	0	0	0.0	9.5	0.1
data4-7-24-02884.txt	7	4	24	13	0.2	13	13.0	4032	8851	0	0	0.0	13.0	0.1
data4-7-24-02885.txt	7	4	24	14	0.2	14	14.0	4032	8874	0	0	0.0	14.0	0.1
data4-7-24-02886.txt	7	4	24	15	0.2	15	15.0	4032	8987	0	0	0.0	15.0	0.1
data4-7-24-02887.txt	7	4	24	11	0.2	11	11.0	4032	8862	0	0	0.0	11.0	0.1
data4-7-24-02888.txt	7	4	24	14	0.1	14	14.0	4032	8787	0	0	0.0	14.0	0.1
data4-7-24-02889.txt	7	4	24	10	0.1	10	10.0	4032	8756	0	0	0.0	10.0	0.1
data4-7-24-02890.txt	7	4	24	13	0.1	13	13.0	4032	8885	0	0	0.0	13.0	0.1
data4-7-24-02891.txt	7	4	24	12	0.2	12	12.0	4032	8899	0	0	0.0	12.0	0.1
data4-7-24-02892.txt	7	4	24	14	0.2	14	14.0	4032	8818	0	0	0.0	14.0	0.1
data4-7-24-02893.txt	7	4	24	10	0.1	10	10.0	4032	8912	0	0	0.0	10.0	0.1
data4-7-24-02894.txt	7	4	24	10	0.1	10	10.0	4032	8731	0	0	0.0	10.0	0.1
data4-7-24-02895.txt	7	4	24	13	0.1	13	13.0	4032	8839	0	0	0.0	13.0	0.1
data4-7-24-02896.txt	7	4	24	13	0.2	13	13.0	4032	8877	0	0	0.0	12.0	0.1
data4-7-24-02897.txt	7	4	24	10	0.1	10	10.0	4032	8880	0	0	0.0	10.0	0.1
data4-7-24-02898.txt	7	4	24	14	0.2	14	14.0	4032	8832	0	0	0.0	14.0	0.1
data4-7-24-02899.txt	7	4	24	15	0.2	15	15.0	4032	8940	0	0	0.0	15.0	0.1
data4-7-24-02900.txt	7	4	24	10	0.1	10	10.0	4032	8823	0	0	0.0	9.5	0.1
data4-7-25-02901.txt	7	4	25	7	0.1	7	7.0	4375	9548	0	0	0.0	7.0	0.1
data4-7-25-02902.txt	7	4	25	18	0.2	18	18.0	4375	9562	0	0	0.0	17.5	0.1
data4-7-25-02903.txt	7	4	25	18	0.2	18	18.0	4375	9648	0	0	0.0	17.5	0.1
data4-7-25-02904.txt	7	4	25	20	0.2	20	20.0	4375	9631	1	30	0.0	18.0	0.1
data4-7-25-02905.txt	7	4	25	17	0.2	17	17.0	4375	9621	0	0	0.0	17.0	0.1
data4-7-25-02906.txt	7	4	25	15	0.2	15	15.0	4375	9547	0	1	0.0	14.0	0.1
data4-7-25-02907.txt	7	4	25	15	0.2	15	15.0	4375	9621	0	0	0.0	15.0	0.1
data4-7-25-02908.txt	7	4	25	13	0.2	13	13.0	4375	9544	0	0	0.0	13.0	0.1
data4-7-25-02909.txt	7	4	25	11	0.1	11	11.0	4375	9601	0	0	0.0	10.5	0.1
data4-7-25-02910.txt	7	4	25	17	0.2	17	17.0	4375	9598	0	0	0.0	16.0	0.1
data4-7-25-02911.txt	7	4	25	12	0.2	12	12.0	4375	9490	0	0	0.0	12.0	0.1
data4-7-25-02912.txt	7	4	25	16	0.1	16	16.0	4375	9573	0	5	0.0	14.0	0.1
data4-7-25-02913.txt	7	4	25	15	0.2	15	15.0	4375	9520	0	0	0.0	15.0	0.1
data4-7-25-02914.txt	7	4	25	19	0.2	19	19.0	4375	9626	0	0	0.0	18.2	0.1
data4-7-25-02915.txt	7	4	25	20	0.3	20	20.0	4375	9866	0	0	0.0	19.5	0.2
data4-7-25-02916.txt	7	4	25	15	0.2	15	15.0	4375	9671	0	0	0.0	14.5	0.1
data4-7-25-02917.txt	7	4	25	10	0.2	10	10.0	4375	9640	0	0	0.0	10.0	0.1
data4-7-25-02918.txt	7	4	25	15	0.2	15	15.0	4375	9497	0	0	0.0	15.0	0.1
data4-7-25-02919.txt	7	4	25	14	0.2	14	14.0	4375	9685	0	0	0.0	14.0	0.1
data4-7-25-02920.txt	7	4	25	11	0.1	11	11.0	4375	9504	0	1	0.0	10.0	0.1
data4-7-25-02921.txt	7	4	25	10	0.1	10	10.0	4375	9400	0	0	0.0	10.0	0.1
data4-7-25-02922.txt	7	4	25	14	0.1	14	14.0	4375	9580	0	1	0.0	13.0	0.1
data4-7-25-02923.txt	7	4	25	21	1.3	21	21.0	4375	9808	109	0	0.0	18.5	0.2
data4-7-25-02924.txt	7	4	25	16	0.2	16	16.0	4375	9602	0	0	0.0	16.0	0.1
data4-7-25-02925.txt	7	4	25	11	0.2	11	11.0	4375	9516	0	0	0.0	11.0	0.1
data4-7-25-02926.txt	7	4	25	14	0.2	14	14.0	4375	9582	0	0	0.0	14.0	0.1
data4-7-25-02927.txt	7	4	25	18	0.2	18	18.0	4375	9731	0	0	0.0	18.0	0.1
data4-7-25-02928.txt	7	4	25	14	0.1	14	14.0	4375	9597	0	0	0.0	14.0	0.1
data4-7-25-02929.txt	7	4	25	10	0.1	10	10.0	4375	9389	0	0	0.0	10.0	0.1
data4-7-25-02930.txt	7	4	25	11	0.1	11	11.0	4375	9636	0	0	0.0	11.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-7-25-02931.txt	7	4	25	12	0.2	12	12.0	4375	9674	0	0	0.0	11.3	0.1
data4-7-25-02932.txt	7	4	25	14	0.2	14	14.0	4375	9668	0	0	0.0	14.0	0.1
data4-7-25-02933.txt	7	4	25	16	0.2	16	16.0	4375	9631	0	0	0.0	15.5	0.1
data4-7-25-02934.txt	7	4	25	12	0.2	12	12.0	4375	9593	0	0	0.0	12.0	0.1
data4-7-25-02935.txt	7	4	25	15	0.1	15	15.0	4375	9504	0	0	0.0	15.0	0.1
data4-7-25-02936.txt	7	4	25	16	0.2	16	16.0	4375	9654	0	0	0.0	15.5	0.1
data4-7-25-02937.txt	7	4	25	10	0.1	10	10.0	4375	9582	0	0	0.0	10.0	0.1
data4-7-25-02938.txt	7	4	25	14	0.2	14	14.0	4375	9624	0	0	0.0	14.0	0.1
data4-7-25-02939.txt	7	4	25	15	0.2	15	15.0	4375	9653	0	0	0.0	14.5	0.1
data4-7-25-02940.txt	7	4	25	15	0.2	15	15.0	4375	9677	0	0	0.0	14.0	0.1
data4-7-25-02941.txt	7	4	25	16	0.1	16	16.0	4375	9517	0	3	0.0	15.0	0.1
data4-7-25-02942.txt	7	4	25	18	0.2	18	18.0	4375	9683	0	0	0.0	18.0	0.1
data4-7-25-02943.txt	7	4	25	16	0.3	16	16.0	4375	9701	1	0	0.0	14.0	0.1
data4-7-25-02944.txt	7	4	25	12	0.2	12	12.0	4375	9693	0	0	0.0	12.0	0.1
data4-7-25-02945.txt	7	4	25	13	0.2	13	13.0	4375	9760	0	0	0.0	12.0	0.1
data4-7-25-02946.txt	7	4	25	16	0.2	16	16.0	4375	9608	0	0	0.0	16.0	0.1
data4-7-25-02947.txt	7	4	25	11	0.1	11	11.0	4375	9495	0	0	0.0	11.0	0.1
data4-7-25-02948.txt	7	4	25	17	0.2	17	17.0	4375	9626	0	0	0.0	16.0	0.1
data4-7-25-02949.txt	7	4	25	13	0.2	13	13.0	4375	9572	0	0	0.0	13.0	0.1
data4-7-25-02950.txt	7	4	25	15	0.2	15	15.0	4375	9579	0	0	0.0	15.0	0.1
data4-7-25-02951.txt	7	4	25	12	0.2	12	12.0	4375	9558	0	0	0.0	12.0	0.1
data4-7-25-02952.txt	7	4	25	16	0.2	16	16.0	4375	9628	0	3	0.0	15.0	0.1
data4-7-25-02953.txt	7	4	25	17	0.2	17	17.0	4375	9690	0	0	0.0	16.7	0.1
data4-7-25-02954.txt	7	4	25	11	0.1	11	11.0	4375	9564	0	0	0.0	11.0	0.1
data4-7-25-02955.txt	7	4	25	15	0.2	15	15.0	4375	9526	0	0	0.0	15.0	0.1
data4-7-25-02956.txt	7	4	25	16	0.2	16	16.0	4375	9549	0	0	0.0	16.0	0.1
data4-7-25-02957.txt	7	4	25	13	0.1	13	13.0	4375	9621	0	2	0.0	12.0	0.1
data4-7-25-02958.txt	7	4	25	13	0.2	13	13.0	4375	9599	0	0	0.0	12.5	0.1
data4-7-25-02959.txt	7	4	25	12	0.2	12	12.0	4375	9491	0	0	0.0	12.0	0.1
data4-7-25-02960.txt	7	4	25	12	0.2	12	12.0	4375	9538	0	1	0.0	11.0	0.1
data4-7-25-02961.txt	7	4	25	18	0.2	18	18.0	4375	9715	0	0	0.0	18.0	0.1
data4-7-25-02962.txt	7	4	25	16	0.2	16	16.0	4375	9647	0	0	0.0	16.0	0.1
data4-7-25-02963.txt	7	4	25	13	0.1	13	13.0	4375	9458	0	0	0.0	13.0	0.1
data4-7-25-02964.txt	7	4	25	13	0.1	13	13.0	4375	9578	0	0	0.0	13.0	0.1
data4-7-25-02965.txt	7	4	25	12	0.2	12	12.0	4375	9632	0	0	0.0	12.0	0.1
data4-7-25-02966.txt	7	4	25	13	0.2	13	13.0	4375	9679	0	0	0.0	13.0	0.1
data4-7-25-02967.txt	7	4	25	15	0.2	15	15.0	4375	9595	0	0	0.0	15.0	0.1
data4-7-25-02968.txt	7	4	25	20	0.2	20	20.0	4375	9779	0	3	0.0	19.0	0.2
data4-7-25-02969.txt	7	4	25	9	0.1	9	9.0	4375	9422	0	0	0.0	9.0	0.1
data4-7-25-02970.txt	7	4	25	12	0.1	12	12.0	4375	9522	0	0	0.0	12.0	0.1
data4-7-25-02971.txt	7	4	25	18	0.2	18	18.0	4375	9659	0	0	0.0	17.5	0.1
data4-7-25-02972.txt	7	4	25	22	0.2	22	22.0	4375	9700	0	1	0.0	20.0	0.1
data4-7-25-02973.txt	7	4	25	16	0.2	16	16.0	4375	9635	0	1	0.0	15.0	0.1
data4-7-25-02974.txt	7	4	25	10	0.1	10	10.0	4375	9511	0	0	0.0	10.0	0.1
data4-7-25-02975.txt	7	4	25	18	0.2	18	18.0	4375	9618	0	0	0.0	18.0	0.1
data4-7-25-02976.txt	7	4	25	12	0.2	12	12.0	4375	9492	0	0	0.0	12.0	0.1
data4-7-25-02977.txt	7	4	25	15	0.2	15	15.0	4375	9671	0	0	0.0	15.0	0.1
data4-7-25-02978.txt	7	4	25	9	0.1	9	9.0	4375	9460	0	0	0.0	9.0	0.1
data4-7-25-02979.txt	7	4	25	15	0.1	15	15.0	4375	9705	0	3	0.0	14.0	0.1
data4-7-25-02980.txt	7	4	25	14	0.2	14	14.0	4375	9693	0	0	0.0	13.0	0.1
data4-7-25-02981.txt	7	4	25	15	0.2	15	15.0	4375	9679	0	0	0.0	15.0	0.1
data4-7-25-02982.txt	7	4	25	11	0.1	11	11.0	4375	9435	0	0	0.0	11.0	0.1
data4-7-25-02983.txt	7	4	25	13	0.2	13	13.0	4375	9623	0	0	0.0	13.0	0.1
data4-7-25-02984.txt	7	4	25	14	0.2	14	14.0	4375	9545	0	0	0.0	14.0	0.1
data4-7-25-02985.txt	7	4	25	16	0.2	16	16.0	4375	9552	0	0	0.0	16.0	0.1
data4-7-25-02986.txt	7	4	25	19	0.2	19	19.0	4375	9811	0	3	0.0	18.0	0.1
data4-7-25-02987.txt	7	4	25	15	0.2	15	15.0	4375	9549	0	0	0.0	15.0	0.1
data4-7-25-02988.txt	7	4	25	12	0.1	12	12.0	4375	9628	0	0	0.0	12.0	0.1
data4-7-25-02989.txt	7	4	25	11	0.1	11	11.0	4375	9484	0	0	0.0	11.0	0.1
data4-7-25-02990.txt	7	4	25	17	0.2	17	17.0	4375	9535	0	0	0.0	17.0	0.1
data4-7-25-02991.txt	7	4	25	13	0.1	13	13.0	4375	9597	0	0	0.0	13.0	0.1
data4-7-25-02992.txt	7	4	25	14	0.2	14	14.0	4375	9636	0	0	0.0	14.0	0.1
data4-7-25-02993.txt	7	4	25	15	0.2	15	15.0	4375	9618	0	0	0.0	14.5	0.1
data4-7-25-02994.txt	7	4	25	20	0.2	20	20.0	4375	9650	0	0	0.0	20.0	0.1
data4-7-25-02995.txt	7	4	25	10	0.1	10	10.0	4375	9556	0	0	0.0	10.0	0.1
data4-7-25-02996.txt	7	4	25	13	0.1	13	13.0	4375	9503	0	0	0.0	13.0	0.1
data4-7-25-02997.txt	7	4	25	12	0.1	12	12.0	4375	9392	0	0	0.0	12.0	0.1
data4-7-25-02998.txt	7	4	25	13	0.2	13	13.0	4375	9577	0	0	0.0	12.5	0.1
data4-7-25-02999.txt	7	4	25	15	0.2	15	15.0	4375	9600	0	1	0.0	14.0	0.1
data4-7-25-03000.txt	7	4	25	13	0.2	13	13.0	4375	9657	0	0	0.0	13.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-7-26-03001.txt	7	4	26	16	0.2	16	16.0	4732	10431	0	0	0.0	15.5	0.1
data4-7-26-03002.txt	7	4	26	20	0.3	20	20.0	4732	10425	1	5	0.0	18.0	0.2
data4-7-26-03003.txt	7	4	26	12	0.1	12	12.0	4732	10381	0	0	0.0	12.0	0.1
data4-7-26-03004.txt	7	4	26	17	0.2	17	17.0	4732	10441	0	0	0.0	17.0	0.1
data4-7-26-03005.txt	7	4	26	13	0.2	13	13.0	4732	10319	0	0	0.0	13.0	0.1
data4-7-26-03006.txt	7	4	26	11	0.1	11	11.0	4732	10236	0	0	0.0	11.0	0.1
data4-7-26-03007.txt	7	4	26	16	0.2	16	16.0	4732	10498	0	0	0.0	16.0	0.1
data4-7-26-03008.txt	7	4	26	11	0.1	11	11.0	4732	10361	0	0	0.0	11.0	0.1
data4-7-26-03009.txt	7	4	26	15	0.2	15	15.0	4732	10419	0	0	0.0	15.0	0.1
data4-7-26-03010.txt	7	4	26	17	0.2	17	17.0	4732	10399	0	0	0.0	16.5	0.1
data4-7-26-03011.txt	7	4	26	15	0.2	15	15.0	4732	10385	0	0	0.0	14.0	0.1
data4-7-26-03012.txt	7	4	26	13	0.2	13	13.0	4732	10398	0	0	0.0	13.0	0.1
data4-7-26-03013.txt	7	4	26	16	0.2	16	16.0	4732	10472	0	0	0.0	16.0	0.1
data4-7-26-03014.txt	7	4	26	14	0.2	14	14.0	4732	10360	0	0	0.0	14.0	0.1
data4-7-26-03015.txt	7	4	26	14	0.2	14	14.0	4732	10383	0	0	0.0	13.5	0.1
data4-7-26-03016.txt	7	4	26	12	0.2	12	12.0	4732	10417	0	2	0.0	11.0	0.1
data4-7-26-03017.txt	7	4	26	13	0.2	13	13.0	4732	10372	0	2	0.0	12.0	0.1
data4-7-26-03018.txt	7	4	26	20	0.2	20	20.0	4732	10638	0	0	0.0	19.5	0.1
data4-7-26-03019.txt	7	4	26	18	0.2	18	18.0	4732	10431	0	0	0.0	18.0	0.2
data4-7-26-03020.txt	7	4	26	13	0.2	13	13.0	4732	10390	0	0	0.0	13.0	0.1
data4-7-26-03021.txt	7	4	26	9	0.1	9	9.0	4732	10200	0	0	0.0	9.0	0.1
data4-7-26-03022.txt	7	4	26	13	0.2	13	13.0	4732	10304	0	0	0.0	13.0	0.1
data4-7-26-03023.txt	7	4	26	16	0.2	16	16.0	4732	10498	0	0	0.0	16.0	0.1
data4-7-26-03024.txt	7	4	26	11	0.1	11	11.0	4732	10285	0	0	0.0	11.0	0.1
data4-7-26-03025.txt	7	4	26	17	0.2	17	17.0	4732	10355	0	0	0.0	17.0	0.1
data4-7-26-03026.txt	7	4	26	13	0.2	13	13.0	4732	10329	0	0	0.0	13.0	0.1
data4-7-26-03027.txt	7	4	26	11	0.1	11	11.0	4732	10252	0	0	0.0	11.0	0.1
data4-7-26-03028.txt	7	4	26	16	0.2	16	16.0	4732	10440	0	2	0.0	15.0	0.1
data4-7-26-03029.txt	7	4	26	18	0.3	18	18.0	4732	10460	1	8	0.0	17.0	0.2
data4-7-26-03030.txt	7	4	26	12	0.2	12	12.0	4732	10385	0	0	0.0	12.0	0.1
data4-7-26-03031.txt	7	4	26	12	0.2	12	12.0	4732	10450	0	0	0.0	12.0	0.1
data4-7-26-03032.txt	7	4	26	11	0.1	11	11.0	4732	10269	0	0	0.0	10.0	0.1
data4-7-26-03033.txt	7	4	26	17	0.1	17	17.0	4732	10477	0	0	0.0	17.0	0.1
data4-7-26-03034.txt	7	4	26	18	0.2	18	18.0	4732	10474	0	0	0.0	16.5	0.1
data4-7-26-03035.txt	7	4	26	13	0.2	13	13.0	4732	10339	0	0	0.0	11.5	0.1
data4-7-26-03036.txt	7	4	26	15	0.2	15	15.0	4732	10465	0	0	0.0	15.0	0.1
data4-7-26-03037.txt	7	4	26	18	0.2	18	18.0	4732	10433	0	0	0.0	17.5	0.1
data4-7-26-03038.txt	7	4	26	12	0.2	12	12.0	4732	10333	0	0	0.0	12.0	0.1
data4-7-26-03039.txt	7	4	26	16	0.2	16	16.0	4732	10431	0	0	0.0	16.0	0.1
data4-7-26-03040.txt	7	4	26	13	0.1	13	13.0	4732	10330	0	0	0.0	13.0	0.1
data4-7-26-03041.txt	7	4	26	15	0.2	15	15.0	4732	10295	0	0	0.0	15.0	0.1
data4-7-26-03042.txt	7	4	26	8	0.1	8	8.0	4732	10186	0	0	0.0	8.0	0.1
data4-7-26-03043.txt	7	4	26	22	0.3	22	22.0	4732	10557	0	8	0.0	21.0	0.2
data4-7-26-03044.txt	7	4	26	19	0.2	19	19.0	4732	10481	0	0	0.0	19.0	0.2
data4-7-26-03045.txt	7	4	26	19	0.2	19	19.0	4732	10557	0	0	0.0	19.0	0.1
data4-7-26-03046.txt	7	4	26	11	0.1	11	11.0	4732	10304	0	0	0.0	11.0	0.1
data4-7-26-03047.txt	7	4	26	18	0.2	18	18.0	4732	10424	0	1	0.0	17.0	0.1
data4-7-26-03048.txt	7	4	26	19	0.2	19	19.0	4732	10437	0	0	0.0	19.0	0.1
data4-7-26-03049.txt	7	4	26	17	0.2	17	17.0	4732	10536	0	0	0.0	17.0	0.1
data4-7-26-03050.txt	7	4	26	11	0.1	11	11.0	4732	10283	0	0	0.0	11.0	0.1
data4-7-26-03051.txt	7	4	26	15	0.2	15	15.0	4732	10304	0	0	0.0	15.0	0.1
data4-7-26-03052.txt	7	4	26	18	0.2	18	18.0	4732	10362	0	0	0.0	18.0	0.1
data4-7-26-03053.txt	7	4	26	12	0.1	12	12.0	4732	10331	0	0	0.0	11.5	0.1
data4-7-26-03054.txt	7	4	26	16	0.2	16	16.0	4732	10469	0	0	0.0	16.0	0.1
data4-7-26-03055.txt	7	4	26	21	0.2	21	21.0	4732	10488	1	4	0.0	19.0	0.2
data4-7-26-03056.txt	7	4	26	10	0.1	10	10.0	4732	10342	0	0	0.0	10.0	0.1
data4-7-26-03057.txt	7	4	26	12	0.2	12	12.0	4732	10376	0	1	0.0	11.0	0.1
data4-7-26-03058.txt	7	4	26	11	0.1	11	11.0	4732	10271	0	0	0.0	11.0	0.1
data4-7-26-03059.txt	7	4	26	16	0.2	16	16.0	4732	10401	0	3	0.0	15.0	0.1
data4-7-26-03060.txt	7	4	26	18	0.2	18	18.0	4732	10480	0	0	0.0	18.0	0.1
data4-7-26-03061.txt	7	4	26	17	0.2	17	17.0	4732	10532	0	0	0.0	16.2	0.2
data4-7-26-03062.txt	7	4	26	23	0.2	23	23.0	4732	10440	0	0	0.0	23.0	0.1
data4-7-26-03063.txt	7	4	26	17	0.2	17	17.0	4732	10591	0	0	0.0	17.0	0.1
data4-7-26-03064.txt	7	4	26	16	0.2	16	16.0	4732	10335	0	0	0.0	16.0	0.1
data4-7-26-03065.txt	7	4	26	12	0.1	12	12.0	4732	10351	0	0	0.0	12.0	0.1
data4-7-26-03066.txt	7	4	26	15	0.2	15	15.0	4732	10487	0	0	0.0	15.0	0.2
data4-7-26-03067.txt	7	4	26	19	0.2	19	19.0	4732	10532	0	0	0.0	18.5	0.2
data4-7-26-03068.txt	7	4	26	20	0.2	20	20.0	4732	10384	1	3	0.0	19.0	0.1
data4-7-26-03069.txt	7	4	26	14	0.2	14	14.0	4732	10312	0	0	0.0	13.5	0.1
data4-7-26-03070.txt	7	4	26	13	0.2	13	13.0	4732	10359	0	0	0.0	13.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-7-26-03071.txt	7	4	26	18	0.2	18	18.0	4732	10531	0	0	0.0	18.0	0.2
data4-7-26-03072.txt	7	4	26	17	0.2	17	17.0	4732	10405	0	0	0.0	17.0	0.1
data4-7-26-03073.txt	7	4	26	11	0.1	11	11.0	4732	10206	0	0	0.0	11.0	0.1
data4-7-26-03074.txt	7	4	26	10	0.1	10	10.0	4732	10235	0	0	0.0	10.0	0.1
data4-7-26-03075.txt	7	4	26	12	0.2	12	12.0	4732	10370	0	0	0.0	12.0	0.1
data4-7-26-03076.txt	7	4	26	10	0.1	10	10.0	4732	10243	0	0	0.0	10.0	0.1
data4-7-26-03077.txt	7	4	26	19	0.2	19	19.0	4732	10548	0	0	0.0	18.5	0.1
data4-7-26-03078.txt	7	4	26	13	0.2	13	13.0	4732	10473	0	0	0.0	13.0	0.1
data4-7-26-03079.txt	7	4	26	14	0.1	14	14.0	4732	10251	0	0	0.0	14.0	0.1
data4-7-26-03080.txt	7	4	26	15	0.2	15	15.0	4732	10485	0	0	0.0	15.0	0.1
data4-7-26-03081.txt	7	4	26	22	0.2	22	22.0	4732	10295	1	5	0.0	19.5	0.1
data4-7-26-03082.txt	7	4	26	25	0.3	25	25.0	4732	10424	1	3	0.0	23.0	0.1
data4-7-26-03083.txt	7	4	26	12	0.2	12	12.0	4732	10410	0	0	0.0	11.0	0.1
data4-7-26-03084.txt	7	4	26	12	0.1	12	12.0	4732	10195	0	0	0.0	12.0	0.1
data4-7-26-03085.txt	7	4	26	11	0.2	11	11.0	4732	10313	0	0	0.0	11.0	0.1
data4-7-26-03086.txt	7	4	26	14	0.2	14	14.0	4732	10462	0	6	0.0	13.0	0.1
data4-7-26-03087.txt	7	4	26	16	0.2	16	16.0	4732	10475	0	0	0.0	16.0	0.1
data4-7-26-03088.txt	7	4	26	13	0.2	13	13.0	4732	10321	0	0	0.0	13.0	0.1
data4-7-26-03089.txt	7	4	26	16	0.2	16	16.0	4732	10435	0	0	0.0	16.0	0.1
data4-7-26-03090.txt	7	4	26	17	0.2	17	17.0	4732	10481	0	0	0.0	17.0	0.1
data4-7-26-03091.txt	7	4	26	14	0.2	14	14.0	4732	10355	0	0	0.0	14.0	0.1
data4-7-26-03092.txt	7	4	26	14	0.2	14	14.0	4732	10396	0	0	0.0	13.3	0.1
data4-7-26-03093.txt	7	4	26	9	0.1	9	9.0	4732	10283	0	0	0.0	9.0	0.1
data4-7-26-03094.txt	7	4	26	14	0.2	14	14.0	4732	10328	0	0	0.0	13.0	0.1
data4-7-26-03095.txt	7	4	26	15	0.2	15	15.0	4732	10444	0	0	0.0	15.0	0.1
data4-7-26-03096.txt	7	4	26	12	0.2	12	12.0	4732	10319	0	0	0.0	12.0	0.1
data4-7-26-03097.txt	7	4	26	12	0.2	12	12.0	4732	10284	0	0	0.0	12.0	0.1
data4-7-26-03098.txt	7	4	26	14	0.2	14	14.0	4732	10347	0	0	0.0	13.0	0.1
data4-7-26-03099.txt	7	4	26	12	0.1	12	12.0	4732	10363	0	0	0.0	12.0	0.1
data4-7-26-03100.txt	7	4	26	14	0.2	14	14.0	4732	10375	0	0	0.0	14.0	0.1
data4-7-27-03101.txt	7	4	27	16	0.2	16	16.0	5103	11175	0	0	0.0	16.0	0.1
data4-7-27-03102.txt	7	4	27	9	0.1	9	9.0	5103	10964	0	0	0.0	9.0	0.1
data4-7-27-03103.txt	7	4	27	13	0.2	13	13.0	5103	11076	0	0	0.0	13.0	0.1
data4-7-27-03104.txt	7	4	27	16	0.2	16	16.0	5103	11233	0	0	0.0	16.0	0.1
data4-7-27-03105.txt	7	4	27	17	0.2	17	17.0	5103	11359	0	0	0.0	17.0	0.1
data4-7-27-03106.txt	7	4	27	13	0.1	13	13.0	5103	11033	0	0	0.0	12.5	0.1
data4-7-27-03107.txt	7	4	27	16	0.2	16	16.0	5103	11228	0	0	0.0	16.0	0.1
data4-7-27-03108.txt	7	4	27	18	0.2	18	18.0	5103	11308	0	0	0.0	18.0	0.1
data4-7-27-03109.txt	7	4	27	16	0.2	16	16.0	5103	11196	0	0	0.0	16.0	0.1
data4-7-27-03110.txt	7	4	27	11	0.1	11	11.0	5103	11015	0	0	0.0	11.0	0.1
data4-7-27-03111.txt	7	4	27	15	0.2	15	15.0	5103	11188	0	0	0.0	15.0	0.1
data4-7-27-03112.txt	7	4	27	19	0.2	19	19.0	5103	11229	0	0	0.0	18.7	0.2
data4-7-27-03113.txt	7	4	27	17	0.3	17	17.0	5103	11336	0	3	0.0	16.0	0.2
data4-7-27-03114.txt	7	4	27	18	0.2	18	18.0	5103	11290	0	0	0.0	18.0	0.1
data4-7-27-03115.txt	7	4	27	19	0.3	19	19.0	5103	11275	0	0	0.0	19.0	0.2
data4-7-27-03116.txt	7	4	27	14	0.1	14	14.0	5103	11173	0	0	0.0	14.0	0.1
data4-7-27-03117.txt	7	4	27	15	0.2	15	15.0	5103	11191	0	0	0.0	15.0	0.1
data4-7-27-03118.txt	7	4	27	15	0.2	15	15.0	5103	11133	0	0	0.0	15.0	0.1
data4-7-27-03119.txt	7	4	27	16	0.2	16	16.0	5103	11269	0	0	0.0	14.5	0.1
data4-7-27-03120.txt	7	4	27	17	0.2	17	17.0	5103	11253	0	0	0.0	16.5	0.1
data4-7-27-03121.txt	7	4	27	12	0.2	12	12.0	5103	11104	0	0	0.0	12.0	0.1
data4-7-27-03122.txt	7	4	27	18	0.2	18	18.0	5103	11222	0	0	0.0	17.5	0.2
data4-7-27-03123.txt	7	4	27	18	0.2	18	18.0	5103	11097	0	1	0.0	17.0	0.1
data4-7-27-03124.txt	7	4	27	11	0.2	11	11.0	5103	11097	0	0	0.0	11.0	0.1
data4-7-27-03125.txt	7	4	27	10	0.2	10	10.0	5103	11114	0	0	0.0	10.0	0.1
data4-7-27-03126.txt	7	4	27	14	0.2	14	14.0	5103	11199	0	0	0.0	14.0	0.1
data4-7-27-03127.txt	7	4	27	23	0.6	23	23.0	5103	11265	1	20	0.0	21.0	0.2
data4-7-27-03128.txt	7	4	27	17	0.2	17	17.0	5103	11336	0	2	0.0	16.0	0.1
data4-7-27-03129.txt	7	4	27	16	0.2	16	16.0	5103	11213	0	10	0.0	15.0	0.1
data4-7-27-03130.txt	7	4	27	19	0.3	19	19.0	5103	11301	0	0	0.0	19.0	0.2
data4-7-27-03131.txt	7	4	27	14	0.2	14	14.0	5103	11127	0	0	0.0	14.0	0.1
data4-7-27-03132.txt	7	4	27	22	0.4	22	22.0	5103	11342	0	5	0.0	21.0	0.2
data4-7-27-03133.txt	7	4	27	18	0.2	18	18.0	5103	11326	0	0	0.0	17.5	0.1
data4-7-27-03134.txt	7	4	27	17	0.2	17	17.0	5103	11130	0	0	0.0	17.0	0.1
data4-7-27-03135.txt	7	4	27	14	0.2	14	14.0	5103	11188	0	0	0.0	13.2	0.1
data4-7-27-03136.txt	7	4	27	13	0.2	13	13.0	5103	11055	0	0	0.0	13.0	0.1
data4-7-27-03137.txt	7	4	27	14	0.2	14	14.0	5103	11069	0	0	0.0	14.0	0.1
data4-7-27-03138.txt	7	4	27	22	0.2	22	22.0	5103	11249	0	2	0.0	21.0	0.2
data4-7-27-03139.txt	7	4	27	14	0.2	14	14.0	5103	11182	0	0	0.0	14.0	0.1
data4-7-27-03140.txt	7	4	27	9	0.1	9	9.0	5103	11018	0	0	0.0	9.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-7-27-03141.txt	7	4	27	14	0.2	14	14.0	5103	11152	0	0	0.0	14.0	0.1
data4-7-27-03142.txt	7	4	27	11	0.1	11	11.0	5103	11086	0	0	0.0	11.0	0.1
data4-7-27-03143.txt	7	4	27	17	0.2	17	17.0	5103	11122	0	0	0.0	17.0	0.1
data4-7-27-03144.txt	7	4	27	16	0.2	16	16.0	5103	11187	0	4	0.0	15.0	0.1
data4-7-27-03145.txt	7	4	27	11	0.2	11	11.0	5103	11093	0	0	0.0	11.0	0.1
data4-7-27-03146.txt	7	4	27	17	0.2	17	17.0	5103	11101	0	0	0.0	17.0	0.1
data4-7-27-03147.txt	7	4	27	14	0.2	14	14.0	5103	11190	0	0	0.0	13.5	0.1
data4-7-27-03148.txt	7	4	27	16	0.2	16	16.0	5103	11198	0	0	0.0	16.0	0.1
data4-7-27-03149.txt	7	4	27	14	0.2	14	14.0	5103	11193	0	0	0.0	14.0	0.1
data4-7-27-03150.txt	7	4	27	15	0.2	15	15.0	5103	11224	0	0	0.0	14.5	0.1
data4-7-27-03151.txt	7	4	27	22	0.2	22	22.0	5103	11230	0	0	0.0	22.0	0.1
data4-7-27-03152.txt	7	4	27	19	0.2	19	19.0	5103	11363	1	4	0.0	17.0	0.1
data4-7-27-03153.txt	7	4	27	18	0.2	18	18.0	5103	11134	0	7	0.0	17.0	0.1
data4-7-27-03154.txt	7	4	27	14	0.2	14	14.0	5103	11189	0	0	0.0	14.0	0.1
data4-7-27-03155.txt	7	4	27	17	0.2	17	17.0	5103	11272	0	0	0.0	16.0	0.1
data4-7-27-03156.txt	7	4	27	19	0.3	19	19.0	5103	11348	0	0	0.0	18.0	0.2
data4-7-27-03157.txt	7	4	27	17	0.2	17	17.0	5103	11279	0	1	0.0	16.0	0.1
data4-7-27-03158.txt	7	4	27	12	0.1	12	12.0	5103	11143	0	0	0.0	12.0	0.1
data4-7-27-03159.txt	7	4	27	16	0.2	16	16.0	5103	11222	0	0	0.0	16.0	0.1
data4-7-27-03160.txt	7	4	27	19	0.2	19	19.0	5103	11255	0	0	0.0	18.5	0.2
data4-7-27-03161.txt	7	4	27	15	0.2	15	15.0	5103	11228	0	0	0.0	14.0	0.1
data4-7-27-03162.txt	7	4	27	14	0.2	14	14.0	5103	11154	0	0	0.0	14.0	0.1
data4-7-27-03163.txt	7	4	27	9	0.1	9	9.0	5103	10902	0	0	0.0	9.0	0.1
data4-7-27-03164.txt	7	4	27	14	0.2	14	14.0	5103	11217	0	0	0.0	14.0	0.1
data4-7-27-03165.txt	7	4	27	19	0.3	19	19.0	5103	11306	0	0	0.0	18.0	0.2
data4-7-27-03166.txt	7	4	27	17	0.2	17	17.0	5103	11194	0	2	0.0	16.0	0.1
data4-7-27-03167.txt	7	4	27	16	0.2	16	16.0	5103	11230	0	0	0.0	16.0	0.1
data4-7-27-03168.txt	7	4	27	24	0.7	24	24.0	5103	11369	1	7	0.0	21.0	0.2
data4-7-27-03169.txt	7	4	27	18	0.2	18	18.0	5103	11299	0	1	0.0	17.0	0.2
data4-7-27-03170.txt	7	4	27	16	0.4	16	16.0	5103	11278	1	7	0.0	14.5	0.1
data4-7-27-03171.txt	7	4	27	12	0.1	12	12.0	5103	11059	0	0	0.0	12.0	0.1
data4-7-27-03172.txt	7	4	27	13	0.2	13	13.0	5103	11099	0	0	0.0	13.0	0.1
data4-7-27-03173.txt	7	4	27	17	0.2	17	17.0	5103	11375	0	0	0.0	17.0	0.2
data4-7-27-03174.txt	7	4	27	16	0.2	16	16.0	5103	11227	0	0	0.0	15.0	0.1
data4-7-27-03175.txt	7	4	27	20	0.2	20	20.0	5103	11191	0	0	0.0	19.5	0.1
data4-7-27-03176.txt	7	4	27	15	0.2	15	15.0	5103	11125	0	0	0.0	15.0	0.1
data4-7-27-03177.txt	7	4	27	14	0.2	14	14.0	5103	11231	0	0	0.0	14.0	0.1
data4-7-27-03178.txt	7	4	27	18	0.3	18	18.0	5103	11206	0	0	0.0	17.5	0.2
data4-7-27-03179.txt	7	4	27	13	0.2	13	13.0	5103	11118	0	0	0.0	13.0	0.1
data4-7-27-03180.txt	7	4	27	21	0.5	21	21.0	5103	11276	64	8	0.0	17.5	0.1
data4-7-27-03181.txt	7	4	27	19	0.2	19	19.0	5103	11435	0	0	0.0	19.0	0.1
data4-7-27-03182.txt	7	4	27	21	0.3	21	21.0	5103	11250	1	4	0.0	19.3	0.1
data4-7-27-03183.txt	7	4	27	19	0.2	19	19.0	5103	11304	0	2	0.0	17.0	0.1
data4-7-27-03184.txt	7	4	27	13	0.2	13	13.0	5103	11188	0	0	0.0	12.0	0.1
data4-7-27-03185.txt	7	4	27	18	0.2	18	18.0	5103	11222	0	0	0.0	18.0	0.1
data4-7-27-03186.txt	7	4	27	17	0.2	17	17.0	5103	11249	0	0	0.0	16.0	0.1
data4-7-27-03187.txt	7	4	27	17	0.2	17	17.0	5103	11230	0	0	0.0	16.0	0.1
data4-7-27-03188.txt	7	4	27	14	0.2	14	14.0	5103	11112	0	0	0.0	14.0	0.1
data4-7-27-03189.txt	7	4	27	21	0.2	21	21.0	5103	11432	0	1	0.0	20.0	0.2
data4-7-27-03190.txt	7	4	27	14	0.2	14	14.0	5103	11126	0	0	0.0	14.0	0.1
data4-7-27-03191.txt	7	4	27	17	0.2	17	17.0	5103	11141	0	0	0.0	17.0	0.1
data4-7-27-03192.txt	7	4	27	14	0.2	14	14.0	5103	11116	0	0	0.0	14.0	0.1
data4-7-27-03193.txt	7	4	27	14	0.2	14	14.0	5103	11204	0	0	0.0	14.0	0.1
data4-7-27-03194.txt	7	4	27	20	0.2	20	20.0	5103	11242	0	0	0.0	19.5	0.1
data4-7-27-03195.txt	7	4	27	17	0.2	17	17.0	5103	11256	0	0	0.0	17.0	0.2
data4-7-27-03196.txt	7	4	27	17	0.2	17	17.0	5103	11207	0	0	0.0	16.5	0.1
data4-7-27-03197.txt	7	4	27	19	0.2	19	19.0	5103	11315	0	0	0.0	19.0	0.2
data4-7-27-03198.txt	7	4	27	12	0.2	12	12.0	5103	11139	0	0	0.0	12.0	0.1
data4-7-27-03199.txt	7	4	27	20	0.2	20	20.0	5103	11210	0	0	0.0	20.0	0.2
data4-7-27-03200.txt	7	4	27	17	0.2	17	17.0	5103	11148	0	0	0.0	16.5	0.1
data4-8-28-05301.txt	8	4	28	21	0.4	21	21.0	6272	13846	0	0	0.0	21.0	0.2
data4-8-28-05302.txt	8	4	28	13	0.2	13	13.0	6272	13747	0	0	0.0	13.0	0.2
data4-8-28-05303.txt	8	4	28	20	1.4	20	20.0	6272	14022	142	0	0.0	17.2	0.3
data4-8-28-05304.txt	8	4	28	20	0.3	20	20.0	6272	13728	0	0	0.0	19.5	0.2
data4-8-28-05305.txt	8	4	28	20	0.3	20	20.0	6272	13904	0	0	0.0	19.5	0.2
data4-8-28-05306.txt	8	4	28	16	0.3	16	16.0	6272	13863	0	0	0.0	16.0	0.2
data4-8-28-05307.txt	8	4	28	14	0.2	14	14.0	6272	13796	0	0	0.0	14.0	0.2
data4-8-28-05308.txt	8	4	28	12	0.2	12	12.0	6272	13505	0	0	0.0	12.0	0.1
data4-8-28-05309.txt	8	4	28	10	0.2	10	10.0	6272	13449	0	0	0.0	10.0	0.1
data4-8-28-05310.txt	8	4	28	19	0.2	19	19.0	6272	13697	0	0	0.0	18.5	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-8-28-05311.txt	8	4	28	11	0.2	11	11.0	6272	13512	0	0	0.0	11.0	0.1
data4-8-28-05312.txt	8	4	28	20	0.4	20	20.0	6272	13710	0	0	0.0	20.0	0.2
data4-8-28-05313.txt	8	4	28	16	0.2	16	16.0	6272	13603	1	10	0.0	15.0	0.2
data4-8-28-05314.txt	8	4	28	19	0.3	19	19.0	6272	13923	0	0	0.0	18.5	0.2
data4-8-28-05315.txt	8	4	28	16	0.3	16	16.0	6272	13740	0	0	0.0	16.0	0.2
data4-8-28-05316.txt	8	4	28	19	0.4	19	19.0	6272	13884	0	0	0.0	17.5	0.2
data4-8-28-05317.txt	8	4	28	17	0.3	17	17.0	6272	13751	0	0	0.0	16.5	0.2
data4-8-28-05318.txt	8	4	28	16	0.3	16	16.0	6272	14017	0	0	0.0	16.0	0.2
data4-8-28-05319.txt	8	4	28	13	0.2	13	13.0	6272	13708	0	0	0.0	13.0	0.2
data4-8-28-05320.txt	8	4	28	15	0.3	15	15.0	6272	13617	0	0	0.0	14.0	0.2
data4-8-28-05321.txt	8	4	28	16	0.3	16	16.0	6272	13797	0	0	0.0	16.0	0.2
data4-8-28-05322.txt	8	4	28	17	0.3	17	17.0	6272	13831	0	0	0.0	16.0	0.2
data4-8-28-05323.txt	8	4	28	14	0.3	14	14.0	6272	13736	0	0	0.0	14.0	0.2
data4-8-28-05324.txt	8	4	28	18	0.3	18	18.0	6272	13899	0	0	0.0	17.5	0.2
data4-8-28-05325.txt	8	4	28	17	0.2	17	17.0	6272	13661	0	0	0.0	17.0	0.1
data4-8-28-05326.txt	8	4	28	13	0.2	13	13.0	6272	13647	0	0	0.0	13.0	0.1
data4-8-28-05327.txt	8	4	28	20	0.5	20	20.0	6272	13798	1	0	0.0	19.0	0.2
data4-8-28-05328.txt	8	4	28	17	0.3	17	17.0	6272	13573	0	0	0.0	17.0	0.2
data4-8-28-05329.txt	8	4	28	18	0.2	18	18.0	6272	13649	0	2	0.0	17.0	0.2
data4-8-28-05330.txt	8	4	28	17	0.3	17	17.0	6272	13775	0	0	0.0	17.0	0.2
data4-8-28-05331.txt	8	4	28	12	0.2	12	12.0	6272	13572	0	0	0.0	12.0	0.1
data4-8-28-05332.txt	8	4	28	11	0.2	11	11.0	6272	13710	0	0	0.0	11.0	0.2
data4-8-28-05333.txt	8	4	28	13	0.2	13	13.0	6272	13568	0	0	0.0	13.0	0.1
data4-8-28-05334.txt	8	4	28	13	0.2	13	13.0	6272	13576	0	0	0.0	13.0	0.1
data4-8-28-05335.txt	8	4	28	15	0.3	15	15.0	6272	13856	0	0	0.0	14.5	0.2
data4-8-28-05336.txt	8	4	28	12	0.2	12	12.0	6272	13463	0	0	0.0	12.0	0.1
data4-8-28-05337.txt	8	4	28	21	0.4	21	21.0	6272	13968	0	0	0.0	21.0	0.3
data4-8-28-05338.txt	8	4	28	13	0.2	13	13.0	6272	13705	0	0	0.0	13.0	0.2
data4-8-28-05339.txt	8	4	28	17	0.3	17	17.0	6272	13727	0	0	0.0	17.0	0.2
data4-8-28-05340.txt	8	4	28	19	0.4	19	19.0	6272	13968	0	0	0.0	17.7	0.2
data4-8-28-05341.txt	8	4	28	13	0.2	13	13.0	6272	13626	0	0	0.0	13.0	0.1
data4-8-28-05342.txt	8	4	28	16	0.3	16	16.0	6272	13792	0	0	0.0	15.0	0.2
data4-8-28-05343.txt	8	4	28	20	0.4	20	20.0	6272	13928	0	0	0.0	19.0	0.2
data4-8-28-05344.txt	8	4	28	11	0.2	11	11.0	6272	13558	0	0	0.0	11.0	0.1
data4-8-28-05345.txt	8	4	28	13	0.2	13	13.0	6272	13695	0	0	0.0	13.0	0.1
data4-8-28-05346.txt	8	4	28	13	0.2	13	13.0	6272	13523	0	0	0.0	12.2	0.1
data4-8-28-05347.txt	8	4	28	16	0.2	16	16.0	6272	13687	0	0	0.0	15.5	0.2
data4-8-28-05348.txt	8	4	28	13	0.2	13	13.0	6272	13662	0	0	0.0	13.0	0.2
data4-8-28-05349.txt	8	4	28	13	0.2	13	13.0	6272	13585	0	0	0.0	13.0	0.1
data4-8-28-05350.txt	8	4	28	14	0.2	14	14.0	6272	13603	0	0	0.0	14.0	0.1
data4-8-28-05351.txt	8	4	28	19	0.3	19	19.0	6272	13837	0	0	0.0	19.0	0.2
data4-8-28-05352.txt	8	4	28	20	0.4	20	20.0	6272	13942	0	0	0.0	20.0	0.2
data4-8-28-05353.txt	8	4	28	20	0.3	20	20.0	6272	13789	0	0	0.0	20.0	0.2
data4-8-28-05354.txt	8	4	28	14	0.2	14	14.0	6272	13571	0	0	0.0	14.0	0.1
data4-8-28-05355.txt	8	4	28	21	0.4	21	21.0	6272	13970	0	0	0.0	20.0	0.3
data4-8-28-05356.txt	8	4	28	15	0.3	15	15.0	6272	13803	0	0	0.0	15.0	0.2
data4-8-28-05357.txt	8	4	28	13	0.2	13	13.0	6272	13821	0	0	0.0	13.0	0.2
data4-8-28-05358.txt	8	4	28	16	0.2	16	16.0	6272	13607	0	0	0.0	16.0	0.2
data4-8-28-05359.txt	8	4	28	19	0.3	19	19.0	6272	13807	0	0	0.0	19.0	0.2
data4-8-28-05360.txt	8	4	28	11	0.2	11	11.0	6272	13597	0	0	0.0	11.0	0.1
data4-8-28-05361.txt	8	4	28	13	0.2	13	13.0	6272	13614	0	0	0.0	12.0	0.2
data4-8-28-05362.txt	8	4	28	16	0.3	16	16.0	6272	13654	0	1	0.0	15.0	0.2
data4-8-28-05363.txt	8	4	28	13	0.2	13	13.0	6272	13518	0	0	0.0	13.0	0.1
data4-8-28-05364.txt	8	4	28	19	0.3	19	19.0	6272	13858	0	0	0.0	19.0	0.2
data4-8-28-05365.txt	8	4	28	14	0.2	14	14.0	6272	13690	0	0	0.0	14.0	0.2
data4-8-28-05366.txt	8	4	28	15	0.2	15	15.0	6272	13629	0	0	0.0	14.0	0.2
data4-8-28-05367.txt	8	4	28	15	0.3	15	15.0	6272	13985	0	0	0.0	14.5	0.2
data4-8-28-05368.txt	8	4	28	15	0.2	15	15.0	6272	13760	0	2	0.0	14.0	0.2
data4-8-28-05369.txt	8	4	28	17	0.3	17	17.0	6272	13667	0	0	0.0	17.0	0.2
data4-8-28-05370.txt	8	4	28	16	0.3	16	16.0	6272	13668	0	0	0.0	16.0	0.2
data4-8-28-05371.txt	8	4	28	11	0.2	11	11.0	6272	13553	0	0	0.0	11.0	0.1
data4-8-28-05372.txt	8	4	28	17	0.3	17	17.0	6272	13828	0	0	0.0	17.0	0.2
data4-8-28-05373.txt	8	4	28	14	0.2	14	14.0	6272	13714	0	0	0.0	13.5	0.2
data4-8-28-05374.txt	8	4	28	12	0.2	12	12.0	6272	13559	0	0	0.0	12.0	0.1
data4-8-28-05375.txt	8	4	28	20	0.3	20	20.0	6272	13845	0	0	0.0	20.0	0.2
data4-8-28-05376.txt	8	4	28	16	0.3	16	16.0	6272	13768	0	0	0.0	15.5	0.2
data4-8-28-05377.txt	8	4	28	18	0.4	18	18.0	6272	13832	1	0	0.0	17.0	0.2
data4-8-28-05378.txt	8	4	28	13	0.3	13	13.0	6272	13735	0	0	0.0	13.0	0.2
data4-8-28-05379.txt	8	4	28	18	0.3	18	18.0	6272	13660	0	0	0.0	18.0	0.2
data4-8-28-05380.txt	8	4	28	13	0.2	13	13.0	6272	13640	0	0	0.0	13.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-8-28-05381.txt	8	4	28	15	0.2	15	15.0	6272	13709	0	0	0.0	15.0	0.2
data4-8-28-05382.txt	8	4	28	14	0.2	14	14.0	6272	13756	0	0	0.0	14.0	0.2
data4-8-28-05383.txt	8	4	28	17	0.3	17	17.0	6272	13914	1	1	0.0	14.5	0.2
data4-8-28-05384.txt	8	4	28	15	0.4	15	15.0	6272	13851	1	2	0.0	14.0	0.2
data4-8-28-05385.txt	8	4	28	15	0.3	15	15.0	6272	13852	0	0	0.0	15.0	0.2
data4-8-28-05386.txt	8	4	28	16	0.3	16	16.0	6272	13686	0	2	0.0	15.0	0.2
data4-8-28-05387.txt	8	4	28	16	0.3	16	16.0	6272	13659	0	0	0.0	16.0	0.2
data4-8-28-05388.txt	8	4	28	15	0.3	15	15.0	6272	13719	0	0	0.0	15.0	0.2
data4-8-28-05389.txt	8	4	28	19	0.3	19	19.0	6272	13886	0	0	0.0	18.5	0.2
data4-8-28-05390.txt	8	4	28	12	0.2	12	12.0	6272	13762	0	0	0.0	12.0	0.2
data4-8-28-05391.txt	8	4	28	14	0.2	14	14.0	6272	13769	0	0	0.0	14.0	0.2
data4-8-28-05392.txt	8	4	28	16	0.2	16	16.0	6272	13657	0	0	0.0	16.0	0.2
data4-8-28-05393.txt	8	4	28	19	0.3	19	19.0	6272	13665	0	0	0.0	19.0	0.2
data4-8-28-05394.txt	8	4	28	19	0.4	19	19.0	6272	13822	0	0	0.0	18.3	0.2
data4-8-28-05395.txt	8	4	28	20	0.3	20	20.0	6272	13673	0	0	0.0	18.5	0.2
data4-8-28-05396.txt	8	4	28	14	0.2	14	14.0	6272	13708	0	0	0.0	14.0	0.2
data4-8-28-05397.txt	8	4	28	22	0.6	22	22.0	6272	13944	1	0	0.0	19.0	0.3
data4-8-28-05398.txt	8	4	28	14	0.2	14	14.0	6272	13642	0	0	0.0	14.0	0.1
data4-8-28-05399.txt	8	4	28	14	0.3	14	14.0	6272	13774	0	0	0.0	14.0	0.2
data4-8-28-05400.txt	8	4	28	17	0.3	17	17.0	6272	13878	0	0	0.0	17.0	0.2
data4-8-29-05401.txt	8	4	29	18	0.4	18	18.0	6728	14794	1	2	0.0	16.5	0.2
data4-8-29-05402.txt	8	4	29	15	0.3	15	15.0	6728	14609	0	0	0.0	15.0	0.2
data4-8-29-05403.txt	8	4	29	15	0.3	15	15.0	6728	14744	0	0	0.0	15.0	0.2
data4-8-29-05404.txt	8	4	29	23	0.5	23	23.0	6728	14901	1	0	0.0	21.0	0.2
data4-8-29-05405.txt	8	4	29	12	0.2	12	12.0	6728	14814	0	0	0.0	12.0	0.2
data4-8-29-05406.txt	8	4	29	21	0.6	21	21.0	6728	14847	1	32	0.0	20.0	0.2
data4-8-29-05407.txt	8	4	29	12	0.2	12	12.0	6728	14534	0	0	0.0	12.0	0.2
data4-8-29-05408.txt	8	4	29	17	0.2	17	17.0	6728	14723	0	0	0.0	16.5	0.2
data4-8-29-05409.txt	8	4	29	13	0.2	13	13.0	6728	14669	0	0	0.0	12.2	0.2
data4-8-29-05410.txt	8	4	29	17	0.3	17	17.0	6728	14719	0	0	0.0	17.0	0.2
data4-8-29-05411.txt	8	4	29	17	0.3	17	17.0	6728	14792	0	0	0.0	17.0	0.2
data4-8-29-05412.txt	8	4	29	17	0.3	17	17.0	6728	14808	0	0	0.0	17.0	0.2
data4-8-29-05413.txt	8	4	29	19	0.3	19	19.0	6728	14662	0	0	0.0	19.0	0.2
data4-8-29-05414.txt	8	4	29	15	0.2	15	15.0	6728	14730	0	0	0.0	15.0	0.2
data4-8-29-05415.txt	8	4	29	17	0.2	17	17.0	6728	14590	0	0	0.0	17.0	0.2
data4-8-29-05416.txt	8	4	29	14	0.2	14	14.0	6728	14713	0	0	0.0	14.0	0.2
data4-8-29-05417.txt	8	4	29	14	0.2	14	14.0	6728	14619	0	0	0.0	14.0	0.2
data4-8-29-05418.txt	8	4	29	14	0.2	14	14.0	6728	14842	0	0	0.0	14.0	0.2
data4-8-29-05419.txt	8	4	29	15	0.2	15	15.0	6728	14625	0	0	0.0	15.0	0.2
data4-8-29-05420.txt	8	4	29	19	0.4	19	19.0	6728	15005	0	0	0.0	18.0	0.2
data4-8-29-05421.txt	8	4	29	14	0.3	14	14.0	6728	14781	0	0	0.0	14.0	0.2
data4-8-29-05422.txt	8	4	29	13	0.2	13	13.0	6728	14660	0	0	0.0	13.0	0.2
data4-8-29-05423.txt	8	4	29	20	0.3	20	20.0	6728	14760	0	0	0.0	20.0	0.2
data4-8-29-05424.txt	8	4	29	15	0.3	15	15.0	6728	14718	0	0	0.0	15.0	0.2
data4-8-29-05425.txt	8	4	29	15	0.3	15	15.0	6728	14715	0	0	0.0	13.5	0.2
data4-8-29-05426.txt	8	4	29	12	0.2	12	12.0	6728	14555	0	0	0.0	12.0	0.2
data4-8-29-05427.txt	8	4	29	15	0.2	15	15.0	6728	14624	0	0	0.0	15.0	0.2
data4-8-29-05428.txt	8	4	29	16	0.2	16	16.0	6728	14603	0	0	0.0	16.0	0.2
data4-8-29-05429.txt	8	4	29	19	0.3	19	19.0	6728	14753	0	0	0.0	18.5	0.2
data4-8-29-05430.txt	8	4	29	16	0.3	16	16.0	6728	14750	0	0	0.0	16.0	0.2
data4-8-29-05431.txt	8	4	29	17	0.3	17	17.0	6728	14635	0	0	0.0	17.0	0.2
data4-8-29-05432.txt	8	4	29	15	0.3	15	15.0	6728	14612	0	0	0.0	15.0	0.2
data4-8-29-05433.txt	8	4	29	10	0.2	10	10.0	6728	14514	0	0	0.0	10.0	0.1
data4-8-29-05434.txt	8	4	29	13	0.2	13	13.0	6728	14476	0	0	0.0	13.0	0.1
data4-8-29-05435.txt	8	4	29	22	0.5	22	22.0	6728	14921	0	0	0.0	22.0	0.3
data4-8-29-05436.txt	8	4	29	13	0.2	13	13.0	6728	14586	0	0	0.0	13.0	0.2
data4-8-29-05437.txt	8	4	29	21	0.3	21	21.0	6728	14945	0	0	0.0	21.0	0.2
data4-8-29-05438.txt	8	4	29	17	0.2	17	17.0	6728	14735	0	0	0.0	17.0	0.2
data4-8-29-05439.txt	8	4	29	15	0.3	15	15.0	6728	14591	0	0	0.0	15.0	0.2
data4-8-29-05440.txt	8	4	29	17	0.3	17	17.0	6728	14722	0	0	0.0	16.5	0.2
data4-8-29-05441.txt	8	4	29	20	0.3	20	20.0	6728	14883	0	0	0.0	19.5	0.2
data4-8-29-05442.txt	8	4	29	14	0.2	14	14.0	6728	14638	0	0	0.0	14.0	0.2
data4-8-29-05443.txt	8	4	29	11	0.2	11	11.0	6728	14452	0	0	0.0	11.0	0.1
data4-8-29-05444.txt	8	4	29	20	0.3	20	20.0	6728	14888	0	0	0.0	20.0	0.2
data4-8-29-05445.txt	8	4	29	15	0.2	15	15.0	6728	14706	0	0	0.0	15.0	0.2
data4-8-29-05446.txt	8	4	29	19	0.3	19	19.0	6728	14966	0	0	0.0	19.0	0.2
data4-8-29-05447.txt	8	4	29	17	0.3	17	17.0	6728	14584	0	0	0.0	17.0	0.2
data4-8-29-05448.txt	8	4	29	16	0.3	16	16.0	6728	14860	0	0	0.0	16.0	0.2
data4-8-29-05449.txt	8	4	29	20	0.3	20	20.0	6728	14645	0	0	0.0	20.0	0.2
data4-8-29-05450.txt	8	4	29	17	0.3	17	17.0	6728	14850	0	2	0.0	16.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-8-29-05451.txt	8	4	29	19	0.4	19	19.0	6728	14902	0	0	0.0	18.0	0.2
data4-8-29-05452.txt	8	4	29	15	0.2	15	15.0	6728	14696	0	0	0.0	15.0	0.2
data4-8-29-05453.txt	8	4	29	19	0.5	19	19.0	6728	14928	1	20	0.0	17.5	0.2
data4-8-29-05454.txt	8	4	29	17	0.3	17	17.0	6728	14705	0	0	0.0	17.0	0.2
data4-8-29-05455.txt	8	4	29	17	0.3	17	17.0	6728	14748	0	0	0.0	17.0	0.2
data4-8-29-05456.txt	8	4	29	16	0.2	16	16.0	6728	14650	0	0	0.0	16.0	0.2
data4-8-29-05457.txt	8	4	29	14	0.2	14	14.0	6728	14630	0	0	0.0	13.5	0.2
data4-8-29-05458.txt	8	4	29	15	0.2	15	15.0	6728	14697	0	0	0.0	15.0	0.2
data4-8-29-05459.txt	8	4	29	16	0.2	16	16.0	6728	14817	0	0	0.0	15.2	0.2
data4-8-29-05460.txt	8	4	29	11	0.2	11	11.0	6728	14620	0	0	0.0	10.0	0.2
data4-8-29-05461.txt	8	4	29	12	0.2	12	12.0	6728	14654	0	0	0.0	12.0	0.2
data4-8-29-05462.txt	8	4	29	15	0.2	15	15.0	6728	14599	0	0	0.0	14.0	0.2
data4-8-29-05463.txt	8	4	29	10	0.2	10	10.0	6728	14575	0	0	0.0	10.0	0.1
data4-8-29-05464.txt	8	4	29	15	0.3	15	15.0	6728	14950	0	0	0.0	15.0	0.2
data4-8-29-05465.txt	8	4	29	16	0.3	16	16.0	6728	14738	0	0	0.0	16.0	0.2
data4-8-29-05466.txt	8	4	29	15	0.3	15	15.0	6728	14734	0	0	0.0	15.0	0.2
data4-8-29-05467.txt	8	4	29	20	0.3	20	20.0	6728	14742	0	0	0.0	20.0	0.2
data4-8-29-05468.txt	8	4	29	14	0.2	14	14.0	6728	14832	0	0	0.0	14.0	0.2
data4-8-29-05469.txt	8	4	29	18	0.5	18	18.0	6728	14909	0	0	0.0	17.0	0.3
data4-8-29-05470.txt	8	4	29	19	0.3	19	19.0	6728	14694	0	0	0.0	18.5	0.2
data4-8-29-05471.txt	8	4	29	17	0.3	17	17.0	6728	14722	0	0	0.0	17.0	0.2
data4-8-29-05472.txt	8	4	29	19	0.3	19	19.0	6728	14840	0	0	0.0	19.0	0.2
data4-8-29-05473.txt	8	4	29	19	0.3	19	19.0	6728	14842	0	0	0.0	18.5	0.2
data4-8-29-05474.txt	8	4	29	15	0.2	15	15.0	6728	14629	0	0	0.0	15.0	0.2
data4-8-29-05475.txt	8	4	29	17	0.2	17	17.0	6728	14579	0	0	0.0	17.0	0.2
data4-8-29-05476.txt	8	4	29	18	0.3	18	18.0	6728	14747	0	5	0.0	17.0	0.2
data4-8-29-05477.txt	8	4	29	14	0.2	14	14.0	6728	14623	0	0	0.0	14.0	0.2
data4-8-29-05478.txt	8	4	29	17	0.2	17	17.0	6728	14634	0	0	0.0	17.0	0.2
data4-8-29-05479.txt	8	4	29	17	0.3	17	17.0	6728	14786	1	0	0.0	16.0	0.2
data4-8-29-05480.txt	8	4	29	17	0.3	17	17.0	6728	14590	0	0	0.0	16.0	0.2
data4-8-29-05481.txt	8	4	29	21	0.3	21	21.0	6728	14677	0	3	0.0	20.0	0.2
data4-8-29-05482.txt	8	4	29	14	0.3	14	14.0	6728	14773	0	0	0.0	13.5	0.2
data4-8-29-05483.txt	8	4	29	20	0.2	20	20.0	6728	14851	0	0	0.0	19.5	0.2
data4-8-29-05484.txt	8	4	29	17	0.3	17	17.0	6728	14785	0	0	0.0	17.0	0.2
data4-8-29-05485.txt	8	4	29	15	0.2	15	15.0	6728	14583	0	0	0.0	15.0	0.2
data4-8-29-05486.txt	8	4	29	17	0.3	17	17.0	6728	14801	0	0	0.0	16.5	0.2
data4-8-29-05487.txt	8	4	29	20	0.4	20	20.0	6728	14777	0	0	0.0	19.5	0.2
data4-8-29-05488.txt	8	4	29	14	0.2	14	14.0	6728	14702	0	0	0.0	14.0	0.2
data4-8-29-05489.txt	8	4	29	11	0.2	11	11.0	6728	14521	0	0	0.0	11.0	0.1
data4-8-29-05490.txt	8	4	29	19	0.7	19	19.0	6728	14771	1	0	0.0	17.0	0.2
data4-8-29-05491.txt	8	4	29	15	0.3	15	15.0	6728	14727	0	0	0.0	14.5	0.2
data4-8-29-05492.txt	8	4	29	18	0.2	18	18.0	6728	14739	0	2	0.0	17.0	0.2
data4-8-29-05493.txt	8	4	29	19	0.3	19	19.0	6728	14775	0	0	0.0	19.0	0.2
data4-8-29-05494.txt	8	4	29	15	0.3	15	15.0	6728	14634	0	0	0.0	14.5	0.2
data4-8-29-05495.txt	8	4	29	23	0.3	23	23.0	6728	14790	0	0	0.0	22.5	0.2
data4-8-29-05496.txt	8	4	29	17	0.3	17	17.0	6728	14781	0	0	0.0	17.0	0.2
data4-8-29-05497.txt	8	4	29	17	0.3	17	17.0	6728	14639	0	0	0.0	16.5	0.2
data4-8-29-05498.txt	8	4	29	13	0.2	13	13.0	6728	14713	0	0	0.0	13.0	0.2
data4-8-29-05499.txt	8	4	29	17	0.3	17	17.0	6728	14788	0	0	0.0	16.0	0.2
data4-8-29-05500.txt	8	4	29	17	0.3	17	17.0	6728	14753	0	0	0.0	17.0	0.2
data4-8-30-05501.txt	8	4	30	18	0.3	18	18.0	7200	15822	0	4	0.0	17.0	0.2
data4-8-30-05502.txt	8	4	30	17	0.3	17	17.0	7200	15753	0	0	0.0	17.0	0.2
data4-8-30-05503.txt	8	4	30	15	0.3	15	15.0	7200	15751	0	0	0.0	15.0	0.2
data4-8-30-05504.txt	8	4	30	21	0.4	21	21.0	7200	15774	0	0	0.0	21.0	0.2
data4-8-30-05505.txt	8	4	30	16	0.2	16	16.0	7200	15456	0	0	0.0	16.0	0.2
data4-8-30-05506.txt	8	4	30	18	0.4	18	18.0	7200	15704	1	5	0.0	16.3	0.2
data4-8-30-05507.txt	8	4	30	21	0.3	21	21.0	7200	15687	0	0	0.0	21.0	0.2
data4-8-30-05508.txt	8	4	30	23	0.5	23	23.0	7200	15917	0	0	0.0	23.0	0.3
data4-8-30-05509.txt	8	4	30	18	0.2	18	18.0	7200	15849	0	0	0.0	18.0	0.2
data4-8-30-05510.txt	8	4	30	17	0.2	17	17.0	7200	15660	0	0	0.0	17.0	0.2
data4-8-30-05511.txt	8	4	30	23	0.4	23	23.0	7200	15821	1	4	0.0	21.0	0.2
data4-8-30-05512.txt	8	4	30	17	0.3	17	17.0	7200	15874	0	0	0.0	17.0	0.2
data4-8-30-05513.txt	8	4	30	17	0.3	17	17.0	7200	15706	0	0	0.0	17.0	0.2
data4-8-30-05514.txt	8	4	30	16	0.2	16	16.0	7200	15625	0	0	0.0	16.0	0.2
data4-8-30-05515.txt	8	4	30	13	0.2	13	13.0	7200	15638	0	0	0.0	13.0	0.2
data4-8-30-05516.txt	8	4	30	17	0.2	17	17.0	7200	15681	0	0	0.0	17.0	0.2
data4-8-30-05517.txt	8	4	30	23	0.4	23	23.0	7200	15994	1	8	0.0	21.5	0.2
data4-8-30-05518.txt	8	4	30	16	0.2	16	16.0	7200	15738	0	0	0.0	16.0	0.2
data4-8-30-05519.txt	8	4	30	13	0.2	13	13.0	7200	15538	0	0	0.0	13.0	0.2
data4-8-30-05520.txt	8	4	30	18	0.4	18	18.0	7200	15871	0	2	0.0	17.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-8-30-05521.txt	8	4	30	13	0.2	13	13.0	7200	15664	0	1	0.0	12.0	0.2
data4-8-30-05522.txt	8	4	30	18	0.3	18	18.0	7200	15825	0	0	0.0	18.0	0.2
data4-8-30-05523.txt	8	4	30	18	0.3	18	18.0	7200	15754	0	0	0.0	17.5	0.2
data4-8-30-05524.txt	8	4	30	20	0.3	20	20.0	7200	15864	0	2	0.0	18.0	0.2
data4-8-30-05525.txt	8	4	30	15	0.3	15	15.0	7200	15617	0	0	0.0	15.0	0.2
data4-8-30-05526.txt	8	4	30	20	0.2	20	20.0	7200	15595	0	0	0.0	20.0	0.2
data4-8-30-05527.txt	8	4	30	18	0.3	18	18.0	7200	15781	0	0	0.0	18.0	0.2
data4-8-30-05528.txt	8	4	30	19	0.4	19	19.0	7200	15665	1	5	0.0	17.0	0.2
data4-8-30-05529.txt	8	4	30	15	0.2	15	15.0	7200	15786	0	0	0.0	15.0	0.2
data4-8-30-05530.txt	8	4	30	12	0.3	12	12.0	7200	15660	0	0	0.0	11.0	0.2
data4-8-30-05531.txt	8	4	30	16	0.2	16	16.0	7200	15752	0	0	0.0	16.0	0.2
data4-8-30-05532.txt	8	4	30	20	0.2	20	20.0	7200	15639	0	0	0.0	20.0	0.2
data4-8-30-05533.txt	8	4	30	20	0.3	20	20.0	7200	15897	0	0	0.0	20.0	0.2
data4-8-30-05534.txt	8	4	30	16	0.3	16	16.0	7200	15680	0	0	0.0	16.0	0.2
data4-8-30-05535.txt	8	4	30	21	0.3	21	21.0	7200	15752	0	0	0.0	21.0	0.2
data4-8-30-05536.txt	8	4	30	19	0.3	19	19.0	7200	15793	0	5	0.0	18.0	0.2
data4-8-30-05537.txt	8	4	30	20	0.3	20	20.0	7200	15857	0	0	0.0	20.0	0.2
data4-8-30-05538.txt	8	4	30	13	0.2	13	13.0	7200	15579	0	0	0.0	13.0	0.2
data4-8-30-05539.txt	8	4	30	16	0.2	16	16.0	7200	15661	0	5	0.0	14.0	0.2
data4-8-30-05540.txt	8	4	30	23	0.3	23	23.0	7200	15995	0	0	0.0	23.0	0.2
data4-8-30-05541.txt	8	4	30	15	0.3	15	15.0	7200	15737	0	3	0.0	14.0	0.2
data4-8-30-05542.txt	8	4	30	20	0.3	20	20.0	7200	15950	0	0	0.0	20.0	0.2
data4-8-30-05543.txt	8	4	30	16	0.3	16	16.0	7200	15667	0	0	0.0	16.0	0.2
data4-8-30-05544.txt	8	4	30	11	0.2	11	11.0	7200	15540	0	0	0.0	11.0	0.2
data4-8-30-05545.txt	8	4	30	18	0.3	18	18.0	7200	15685	0	0	0.0	18.0	0.2
data4-8-30-05546.txt	8	4	30	20	0.3	20	20.0	7200	15887	0	0	0.0	20.0	0.2
data4-8-30-05547.txt	8	4	30	16	0.3	16	16.0	7200	15753	0	0	0.0	16.0	0.2
data4-8-30-05548.txt	8	4	30	16	0.2	16	16.0	7200	15631	0	0	0.0	15.2	0.2
data4-8-30-05549.txt	8	4	30	14	0.2	14	14.0	7200	15581	0	0	0.0	14.0	0.2
data4-8-30-05550.txt	8	4	30	12	0.2	12	12.0	7200	15611	0	2	0.0	11.0	0.2
data4-8-30-05551.txt	8	4	30	19	0.3	19	19.0	7200	15934	0	0	0.0	17.5	0.2
data4-8-30-05552.txt	8	4	30	20	0.3	20	20.0	7200	15958	0	0	0.0	19.0	0.2
data4-8-30-05553.txt	8	4	30	20	0.3	20	20.0	7200	15900	0	1	0.0	19.0	0.2
data4-8-30-05554.txt	8	4	30	17	0.2	17	17.0	7200	15883	0	0	0.0	17.0	0.2
data4-8-30-05555.txt	8	4	30	15	0.3	15	15.0	7200	15805	0	0	0.0	15.0	0.2
data4-8-30-05556.txt	8	4	30	19	0.3	19	19.0	7200	15754	0	0	0.0	18.3	0.2
data4-8-30-05557.txt	8	4	30	19	0.3	19	19.0	7200	15882	0	0	0.0	19.0	0.2
data4-8-30-05558.txt	8	4	30	15	0.2	15	15.0	7200	15775	0	0	0.0	15.0	0.2
data4-8-30-05559.txt	8	4	30	16	0.3	16	16.0	7200	16005	0	0	0.0	16.0	0.2
data4-8-30-05560.txt	8	4	30	20	0.2	20	20.0	7200	15729	0	4	0.0	19.0	0.2
data4-8-30-05561.txt	8	4	30	13	0.2	13	13.0	7200	15526	0	0	0.0	13.0	0.2
data4-8-30-05562.txt	8	4	30	14	0.2	14	14.0	7200	15431	0	0	0.0	14.0	0.2
data4-8-30-05563.txt	8	4	30	22	0.4	22	22.0	7200	15891	1	6	0.0	20.0	0.2
data4-8-30-05564.txt	8	4	30	14	0.3	14	14.0	7200	15770	0	0	0.0	14.0	0.2
data4-8-30-05565.txt	8	4	30	18	0.3	18	18.0	7200	15781	0	0	0.0	17.5	0.2
data4-8-30-05566.txt	8	4	30	16	0.4	16	16.0	7200	15786	1	12	0.0	14.0	0.2
data4-8-30-05567.txt	8	4	30	18	0.3	18	18.0	7200	15785	0	0	0.0	18.0	0.2
data4-8-30-05568.txt	8	4	30	11	0.2	11	11.0	7200	15512	0	0	0.0	11.0	0.2
data4-8-30-05569.txt	8	4	30	18	0.4	18	18.0	7200	15919	0	0	0.0	18.0	0.3
data4-8-30-05570.txt	8	4	30	18	0.3	18	18.0	7200	15805	0	0	0.0	18.0	0.2
data4-8-30-05571.txt	8	4	30	14	0.3	14	14.0	7200	15618	0	0	0.0	14.0	0.2
data4-8-30-05572.txt	8	4	30	16	0.3	16	16.0	7200	15743	0	0	0.0	16.0	0.2
data4-8-30-05573.txt	8	4	30	24	0.5	24	24.0	7200	15933	0	0	0.0	23.5	0.3
data4-8-30-05574.txt	8	4	30	21	0.2	21	21.0	7200	15760	0	0	0.0	20.5	0.2
data4-8-30-05575.txt	8	4	30	20	1.0	20	20.0	7200	15887	202	7	0.0	17.5	0.2
data4-8-30-05576.txt	8	4	30	16	0.3	16	16.0	7200	15638	0	0	0.0	16.0	0.2
data4-8-30-05577.txt	8	4	30	20	0.5	20	20.0	7200	15731	0	0	0.0	19.0	0.2
data4-8-30-05578.txt	8	4	30	19	0.3	19	19.0	7200	15861	0	0	0.0	18.5	0.2
data4-8-30-05579.txt	8	4	30	16	0.2	16	16.0	7200	15671	0	0	0.0	15.5	0.2
data4-8-30-05580.txt	8	4	30	23	0.6	23	23.0	7200	15844	27	29	0.0	21.0	0.2
data4-8-30-05581.txt	8	4	30	16	0.3	16	16.0	7200	15762	0	0	0.0	16.0	0.2
data4-8-30-05582.txt	8	4	30	16	0.3	16	16.0	7200	15784	0	0	0.0	16.0	0.2
data4-8-30-05583.txt	8	4	30	11	0.2	11	11.0	7200	15575	0	0	0.0	11.0	0.2
data4-8-30-05584.txt	8	4	30	22	0.3	22	22.0	7200	15643	0	2	0.0	21.0	0.2
data4-8-30-05585.txt	8	4	30	14	0.2	14	14.0	7200	15690	0	0	0.0	14.0	0.2
data4-8-30-05586.txt	8	4	30	23	0.4	23	23.0	7200	15952	1	0	0.0	22.0	0.2
data4-8-30-05587.txt	8	4	30	13	0.3	13	13.0	7200	15672	0	0	0.0	13.0	0.2
data4-8-30-05588.txt	8	4	30	10	0.2	10	10.0	7200	15739	0	0	0.0	10.0	0.2
data4-8-30-05589.txt	8	4	30	20	0.3	20	20.0	7200	15805	0	0	0.0	20.0	0.2
data4-8-30-05590.txt	8	4	30	17	0.3	17	17.0	7200	15855	0	0	0.0	17.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-8-30-05591.txt	8	4	30	18	0.3	18	18.0	7200	15977	0	2	0.0	17.0	0.2
data4-8-30-05592.txt	8	4	30	15	0.2	15	15.0	7200	15633	0	0	0.0	15.0	0.2
data4-8-30-05593.txt	8	4	30	14	0.3	14	14.0	7200	15646	0	0	0.0	14.0	0.2
data4-8-30-05594.txt	8	4	30	15	0.2	15	15.0	7200	15727	0	0	0.0	15.0	0.2
data4-8-30-05595.txt	8	4	30	14	0.3	14	14.0	7200	15709	0	0	0.0	14.0	0.2
data4-8-30-05596.txt	8	4	30	19	0.3	19	19.0	7200	15759	0	0	0.0	17.5	0.2
data4-8-30-05597.txt	8	4	30	17	0.3	17	17.0	7200	15744	0	1	0.0	15.8	0.2
data4-8-30-05598.txt	8	4	30	16	0.3	16	16.0	7200	15583	0	0	0.0	15.2	0.2
data4-8-30-05599.txt	8	4	30	10	0.2	10	10.0	7200	15566	0	0	0.0	10.0	0.2
data4-8-30-05600.txt	8	4	30	19	0.3	19	19.0	7200	15690	0	0	0.0	19.0	0.2
data4-8-31-05601.txt	8	4	31	12	0.2	12	12.0	7688	16706	0	0	0.0	12.0	0.2
data4-8-31-05602.txt	8	4	31	19	0.4	19	19.0	7688	16810	0	0	0.0	18.0	0.3
data4-8-31-05603.txt	8	4	31	22	0.3	22	22.0	7688	16776	0	3	0.0	21.0	0.2
data4-8-31-05604.txt	8	4	31	23	0.3	23	23.0	7688	16851	1	2	0.0	21.0	0.2
data4-8-31-05605.txt	8	4	31	23	0.3	23	23.0	7688	17007	0	16	0.0	22.0	0.2
data4-8-31-05606.txt	8	4	31	14	0.2	14	14.0	7688	16675	0	0	0.0	14.0	0.2
data4-8-31-05607.txt	8	4	31	21	0.3	21	21.0	7688	16871	0	0	0.0	21.0	0.2
data4-8-31-05608.txt	8	4	31	15	0.2	15	15.0	7688	16636	0	0	0.0	15.0	0.2
data4-8-31-05609.txt	8	4	31	22	0.6	22	22.0	7688	16990	1	12	0.0	20.3	0.2
data4-8-31-05610.txt	8	4	31	16	0.4	16	16.0	7688	16937	0	0	0.0	15.0	0.2
data4-8-31-05611.txt	8	4	31	15	0.2	15	15.0	7688	16678	0	2	0.0	14.0	0.2
data4-8-31-05612.txt	8	4	31	17	0.3	17	17.0	7688	16772	0	0	0.0	17.0	0.2
data4-8-31-05613.txt	8	4	31	21	1.5	21	21.0	7688	16988	251	33	0.0	18.0	0.3
data4-8-31-05614.txt	8	4	31	18	0.4	18	18.0	7688	16992	0	0	0.0	16.5	0.2
data4-8-31-05615.txt	8	4	31	18	0.3	18	18.0	7688	16767	0	0	0.0	18.0	0.2
data4-8-31-05616.txt	8	4	31	15	0.3	15	15.0	7688	16736	0	0	0.0	14.5	0.2
data4-8-31-05617.txt	8	4	31	21	0.3	21	21.0	7688	16862	0	5	0.0	20.0	0.2
data4-8-31-05618.txt	8	4	31	18	0.3	18	18.0	7688	16936	0	0	0.0	18.0	0.2
data4-8-31-05619.txt	8	4	31	17	0.3	17	17.0	7688	16664	0	0	0.0	17.0	0.2
data4-8-31-05620.txt	8	4	31	16	0.3	16	16.0	7688	16932	1	3	0.0	15.0	0.2
data4-8-31-05621.txt	8	4	31	13	0.3	13	13.0	7688	16722	0	0	0.0	13.0	0.2
data4-8-31-05622.txt	8	4	31	19	0.3	19	19.0	7688	16704	0	0	0.0	19.0	0.2
data4-8-31-05623.txt	8	4	31	13	0.2	13	13.0	7688	16638	0	0	0.0	13.0	0.2
data4-8-31-05624.txt	8	4	31	18	0.3	18	18.0	7688	16751	0	0	0.0	18.0	0.2
data4-8-31-05625.txt	8	4	31	17	0.3	17	17.0	7688	16781	0	0	0.0	16.5	0.2
data4-8-31-05626.txt	8	4	31	14	0.3	14	14.0	7688	16778	0	0	0.0	14.0	0.2
data4-8-31-05627.txt	8	4	31	16	0.2	16	16.0	7688	16694	0	0	0.0	16.0	0.2
data4-8-31-05628.txt	8	4	31	22	0.3	22	22.0	7688	16766	1	5	0.0	20.0	0.2
data4-8-31-05629.txt	8	4	31	15	0.3	15	15.0	7688	16733	0	0	0.0	15.0	0.2
data4-8-31-05630.txt	8	4	31	16	0.3	16	16.0	7688	16732	0	0	0.0	16.0	0.2
data4-8-31-05631.txt	8	4	31	16	0.3	16	16.0	7688	16710	0	0	0.0	16.0	0.2
data4-8-31-05632.txt	8	4	31	17	0.3	17	17.0	7688	16939	0	0	0.0	17.0	0.2
data4-8-31-05633.txt	8	4	31	10	0.2	10	10.0	7688	16452	0	0	0.0	10.0	0.2
data4-8-31-05634.txt	8	4	31	22	0.4	22	22.0	7688	16785	0	0	0.0	22.0	0.3
data4-8-31-05635.txt	8	4	31	17	0.3	17	17.0	7688	16996	0	0	0.0	16.3	0.2
data4-8-31-05636.txt	8	4	31	15	0.3	15	15.0	7688	16854	0	0	0.0	15.0	0.2
data4-8-31-05637.txt	8	4	31	20	0.4	20	20.0	7688	17002	0	0	0.0	19.0	0.3
data4-8-31-05638.txt	8	4	31	18	0.3	18	18.0	7688	16766	0	0	0.0	18.0	0.2
data4-8-31-05639.txt	8	4	31	12	0.2	12	12.0	7688	16515	0	0	0.0	12.0	0.2
data4-8-31-05640.txt	8	4	31	16	0.3	16	16.0	7688	16584	0	0	0.0	16.0	0.2
data4-8-31-05641.txt	8	4	31	22	0.6	22	22.0	7688	17000	1	7	0.0	19.0	0.2
data4-8-31-05642.txt	8	4	31	26	0.4	26	26.0	7688	16844	1	16	0.0	25.0	0.2
data4-8-31-05643.txt	8	4	31	14	0.3	14	14.0	7688	16760	0	0	0.0	14.0	0.2
data4-8-31-05644.txt	8	4	31	13	0.2	13	13.0	7688	16783	0	0	0.0	13.0	0.2
data4-8-31-05645.txt	8	4	31	25	0.4	25	25.0	7688	16923	1	3	0.0	23.2	0.2
data4-8-31-05646.txt	8	4	31	17	0.3	17	17.0	7688	16792	0	0	0.0	17.0	0.2
data4-8-31-05647.txt	8	4	31	19	0.3	19	19.0	7688	16695	0	4	0.0	17.5	0.2
data4-8-31-05648.txt	8	4	31	17	0.3	17	17.0	7688	16911	0	0	0.0	17.0	0.2
data4-8-31-05649.txt	8	4	31	8	0.2	8	8.0	7688	16620	0	0	0.0	8.0	0.2
data4-8-31-05650.txt	8	4	31	18	0.3	18	18.0	7688	16990	0	0	0.0	17.5	0.2
data4-8-31-05651.txt	8	4	31	19	0.3	19	19.0	7688	16891	0	1	0.0	18.0	0.2
data4-8-31-05652.txt	8	4	31	22	0.3	22	22.0	7688	16757	1	2	0.0	20.3	0.2
data4-8-31-05653.txt	8	4	31	17	0.3	17	17.0	7688	16904	0	0	0.0	17.0	0.2
data4-8-31-05654.txt	8	4	31	21	0.3	21	21.0	7688	16832	0	4	0.0	20.0	0.2
data4-8-31-05655.txt	8	4	31	21	0.3	21	21.0	7688	16784	0	3	0.0	20.0	0.2
data4-8-31-05656.txt	8	4	31	19	0.3	19	19.0	7688	16751	0	0	0.0	18.2	0.2
data4-8-31-05657.txt	8	4	31	20	0.4	20	20.0	7688	16984	0	0	0.0	18.5	0.2
data4-8-31-05658.txt	8	4	31	20	0.3	20	20.0	7688	16919	0	0	0.0	20.0	0.2
data4-8-31-05659.txt	8	4	31	19	0.3	19	19.0	7688	16861	0	0	0.0	19.0	0.2
data4-8-31-05660.txt	8	4	31	17	0.3	17	17.0	7688	16710	0	0	0.0	17.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-8-31-05661.txt	8	4	31	18	0.2	18	18.0	7688	16655	0	0	0.0	18.0	0.2
data4-8-31-05662.txt	8	4	31	18	0.2	18	18.0	7688	16817	0	0	0.0	18.0	0.2
data4-8-31-05663.txt	8	4	31	18	0.3	18	18.0	7688	16811	0	0	0.0	18.0	0.2
data4-8-31-05664.txt	8	4	31	19	0.2	19	19.0	7688	16719	0	0	0.0	19.0	0.2
data4-8-31-05665.txt	8	4	31	12	0.2	12	12.0	7688	16593	0	0	0.0	12.0	0.2
data4-8-31-05666.txt	8	4	31	15	0.2	15	15.0	7688	16787	0	0	0.0	15.0	0.2
data4-8-31-05667.txt	8	4	31	14	0.2	14	14.0	7688	16618	0	0	0.0	14.0	0.2
data4-8-31-05668.txt	8	4	31	19	0.3	19	19.0	7688	16803	0	1	0.0	18.0	0.2
data4-8-31-05669.txt	8	4	31	18	0.3	18	18.0	7688	16780	0	0	0.0	18.0	0.2
data4-8-31-05670.txt	8	4	31	14	0.3	14	14.0	7688	16621	0	0	0.0	13.5	0.2
data4-8-31-05671.txt	8	4	31	17	0.3	17	17.0	7688	16794	0	0	0.0	17.0	0.2
data4-8-31-05672.txt	8	4	31	12	0.2	12	12.0	7688	16641	0	0	0.0	12.0	0.2
data4-8-31-05673.txt	8	4	31	16	0.2	16	16.0	7688	16670	0	0	0.0	16.0	0.2
data4-8-31-05674.txt	8	4	31	18	0.4	18	18.0	7688	16898	0	0	0.0	17.5	0.2
data4-8-31-05675.txt	8	4	31	15	0.3	15	15.0	7688	16716	0	0	0.0	15.0	0.2
data4-8-31-05676.txt	8	4	31	21	0.3	21	21.0	7688	16807	0	0	0.0	20.5	0.2
data4-8-31-05677.txt	8	4	31	16	0.2	16	16.0	7688	16660	0	0	0.0	16.0	0.2
data4-8-31-05678.txt	8	4	31	16	0.2	16	16.0	7688	16807	0	0	0.0	15.5	0.2
data4-8-31-05679.txt	8	4	31	20	0.6	20	20.0	7688	17103	1	0	0.0	17.5	0.3
data4-8-31-05680.txt	8	4	31	23	0.3	23	23.0	7688	16875	0	1	0.0	22.0	0.2
data4-8-31-05681.txt	8	4	31	18	0.4	18	18.0	7688	16956	0	0	0.0	18.0	0.3
data4-8-31-05682.txt	8	4	31	18	0.3	18	18.0	7688	16952	0	0	0.0	18.0	0.2
data4-8-31-05683.txt	8	4	31	17	0.3	17	17.0	7688	16791	1	2	0.0	15.5	0.2
data4-8-31-05684.txt	8	4	31	16	0.3	16	16.0	7688	16711	1	6	0.0	15.0	0.2
data4-8-31-05685.txt	8	4	31	21	0.3	21	21.0	7688	17010	0	0	0.0	21.0	0.2
data4-8-31-05686.txt	8	4	31	16	0.3	16	16.0	7688	16851	0	0	0.0	16.0	0.2
data4-8-31-05687.txt	8	4	31	16	0.3	16	16.0	7688	16714	0	0	0.0	16.0	0.2
data4-8-31-05688.txt	8	4	31	17	0.3	17	17.0	7688	16757	0	0	0.0	17.0	0.2
data4-8-31-05689.txt	8	4	31	21	0.3	21	21.0	7688	16872	0	0	0.0	20.5	0.2
data4-8-31-05690.txt	8	4	31	18	0.4	18	18.0	7688	16924	0	0	0.0	17.0	0.2
data4-8-31-05691.txt	8	4	31	19	0.5	19	19.0	7688	16946	1	6	0.0	18.0	0.2
data4-8-31-05692.txt	8	4	31	19	0.3	19	19.0	7688	16760	0	0	0.0	19.0	0.2
data4-8-31-05693.txt	8	4	31	19	0.4	19	19.0	7688	16844	0	0	0.0	19.0	0.3
data4-8-31-05694.txt	8	4	31	15	0.3	15	15.0	7688	16757	0	0	0.0	14.5	0.2
data4-8-31-05695.txt	8	4	31	18	0.3	18	18.0	7688	16863	0	0	0.0	18.0	0.2
data4-8-31-05696.txt	8	4	31	25	0.5	25	25.0	7688	17046	0	3	0.0	23.3	0.3
data4-8-31-05697.txt	8	4	31	18	0.3	18	18.0	7688	16939	0	0	0.0	17.5	0.2
data4-8-31-05698.txt	8	4	31	21	0.4	21	21.0	7688	16840	0	0	0.0	21.0	0.3
data4-8-31-05699.txt	8	4	31	11	0.2	11	11.0	7688	16619	0	0	0.0	11.0	0.2
data4-8-31-05700.txt	8	4	31	19	0.3	19	19.0	7688	16894	0	0	0.0	19.0	0.2
data4-9-32-07801.txt	9	4	32	17	0.3	17	17.0	9216	19986	0	0	0.0	17.0	0.2
data4-9-32-07802.txt	9	4	32	18	0.6	18	18.0	9216	20543	0	0	0.0	18.0	0.4
data4-9-32-07803.txt	9	4	32	20	0.4	20	20.0	9216	20366	0	0	0.0	19.1	0.3
data4-9-32-07804.txt	9	4	32	18	0.4	18	18.0	9216	20274	0	0	0.0	18.0	0.3
data4-9-32-07805.txt	9	4	32	12	0.3	12	12.0	9216	19975	0	0	0.0	12.0	0.2
data4-9-32-07806.txt	9	4	32	20	0.3	20	20.0	9216	19964	0	0	0.0	20.0	0.2
data4-9-32-07807.txt	9	4	32	17	0.4	17	17.0	9216	19853	0	0	0.0	17.0	0.2
data4-9-32-07808.txt	9	4	32	16	0.4	16	16.0	9216	20142	0	0	0.0	16.0	0.2
data4-9-32-07809.txt	9	4	32	18	0.4	18	18.0	9216	20119	0	0	0.0	18.0	0.2
data4-9-32-07810.txt	9	4	32	16	0.4	16	16.0	9216	20253	0	0	0.0	16.0	0.3
data4-9-32-07811.txt	9	4	32	15	0.4	15	15.0	9216	19944	0	0	0.0	14.0	0.2
data4-9-32-07812.txt	9	4	32	19	0.4	19	19.0	9216	20244	0	0	0.0	17.5	0.3
data4-9-32-07813.txt	9	4	32	17	0.4	17	17.0	9216	20293	0	0	0.0	17.0	0.3
data4-9-32-07814.txt	9	4	32	15	0.4	15	15.0	9216	20181	0	0	0.0	15.0	0.2
data4-9-32-07815.txt	9	4	32	22	0.5	22	22.0	9216	20106	0	0	0.0	22.0	0.3
data4-9-32-07816.txt	9	4	32	10	0.3	10	10.0	9216	19846	0	0	0.0	10.0	0.2
data4-9-32-07817.txt	9	4	32	17	0.4	17	17.0	9216	20105	0	0	0.0	15.5	0.2
data4-9-32-07818.txt	9	4	32	12	0.3	12	12.0	9216	19841	0	0	0.0	12.0	0.2
data4-9-32-07819.txt	9	4	32	22	0.5	22	22.0	9216	20204	0	0	0.0	21.2	0.3
data4-9-32-07820.txt	9	4	32	16	0.3	16	16.0	9216	19904	0	0	0.0	16.0	0.2
data4-9-32-07821.txt	9	4	32	21	0.6	21	21.0	9216	20227	0	0	0.0	20.0	0.3
data4-9-32-07822.txt	9	4	32	17	0.3	17	17.0	9216	19919	0	0	0.0	17.0	0.2
data4-9-32-07823.txt	9	4	32	15	0.5	15	15.0	9216	20106	0	2	0.0	14.0	0.3
data4-9-32-07824.txt	9	4	32	17	0.3	17	17.0	9216	20040	0	0	0.0	16.5	0.2
data4-9-32-07825.txt	9	4	32	17	0.4	17	17.0	9216	20103	0	0	0.0	17.0	0.2
data4-9-32-07826.txt	9	4	32	17	0.4	17	17.0	9216	20169	0	0	0.0	17.0	0.3
data4-9-32-07827.txt	9	4	32	19	0.4	19	19.0	9216	20144	0	0	0.0	19.0	0.2
data4-9-32-07828.txt	9	4	32	17	0.3	17	17.0	9216	19886	0	0	0.0	17.0	0.2
data4-9-32-07829.txt	9	4	32	19	0.4	19	19.0	9216	20328	0	0	0.0	18.5	0.3
data4-9-32-07830.txt	9	4	32	18	0.5	18	18.0	9216	20215	0	0	0.0	18.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-9-32-07831.txt	9	4	32	16	0.4	16	16.0	9216	20070	1	1	0.0	14.0	0.2
data4-9-32-07832.txt	9	4	32	13	0.3	13	13.0	9216	20000	0	0	0.0	13.0	0.2
data4-9-32-07833.txt	9	4	32	18	0.3	18	18.0	9216	19906	0	0	0.0	18.0	0.2
data4-9-32-07834.txt	9	4	32	13	0.3	13	13.0	9216	19938	0	0	0.0	13.0	0.2
data4-9-32-07835.txt	9	4	32	13	0.2	13	13.0	9216	19714	0	0	0.0	13.0	0.2
data4-9-32-07836.txt	9	4	32	18	0.4	18	18.0	9216	20071	0	0	0.0	17.5	0.3
data4-9-32-07837.txt	9	4	32	15	0.3	15	15.0	9216	20112	0	0	0.0	15.0	0.2
data4-9-32-07838.txt	9	4	32	17	0.4	17	17.0	9216	20104	0	0	0.0	17.0	0.2
data4-9-32-07839.txt	9	4	32	17	0.6	17	17.0	9216	20315	0	0	0.0	16.3	0.3
data4-9-32-07840.txt	9	4	32	15	0.3	15	15.0	9216	20137	0	0	0.0	14.5	0.2
data4-9-32-07841.txt	9	4	32	21	0.7	21	21.0	9216	20190	1	6	0.0	19.0	0.3
data4-9-32-07842.txt	9	4	32	22	0.4	22	22.0	9216	20078	0	0	0.0	22.0	0.3
data4-9-32-07843.txt	9	4	32	15	0.4	15	15.0	9216	20204	0	0	0.0	15.0	0.2
data4-9-32-07844.txt	9	4	32	16	0.4	16	16.0	9216	20071	0	0	0.0	16.0	0.2
data4-9-32-07845.txt	9	4	32	15	0.3	15	15.0	9216	19991	0	0	0.0	15.0	0.2
data4-9-32-07846.txt	9	4	32	17	0.5	17	17.0	9216	20153	0	0	0.0	16.0	0.3
data4-9-32-07847.txt	9	4	32	15	0.3	15	15.0	9216	19951	0	0	0.0	15.0	0.2
data4-9-32-07848.txt	9	4	32	16	0.4	16	16.0	9216	20073	0	0	0.0	16.0	0.3
data4-9-32-07849.txt	9	4	32	16	0.3	16	16.0	9216	19834	0	0	0.0	16.0	0.2
data4-9-32-07850.txt	9	4	32	13	0.3	13	13.0	9216	19953	0	0	0.0	13.0	0.2
data4-9-32-07851.txt	9	4	32	17	0.3	17	17.0	9216	19919	0	0	0.0	16.0	0.2
data4-9-32-07852.txt	9	4	32	14	0.3	14	14.0	9216	19795	0	0	0.0	14.0	0.2
data4-9-32-07853.txt	9	4	32	17	0.3	17	17.0	9216	19976	0	0	0.0	17.0	0.2
data4-9-32-07854.txt	9	4	32	19	0.4	19	19.0	9216	20121	0	0	0.0	19.0	0.3
data4-9-32-07855.txt	9	4	32	15	0.3	15	15.0	9216	20071	0	0	0.0	14.2	0.2
data4-9-32-07856.txt	9	4	32	15	0.3	15	15.0	9216	19855	0	0	0.0	15.0	0.2
data4-9-32-07857.txt	9	4	32	18	0.4	18	18.0	9216	20028	0	0	0.0	18.0	0.2
data4-9-32-07858.txt	9	4	32	16	0.3	16	16.0	9216	20073	0	0	0.0	16.0	0.2
data4-9-32-07859.txt	9	4	32	17	0.3	17	17.0	9216	19783	0	0	0.0	17.0	0.2
data4-9-32-07860.txt	9	4	32	19	0.5	19	19.0	9216	20214	0	0	0.0	19.0	0.3
data4-9-32-07861.txt	9	4	32	21	0.5	21	21.0	9216	20240	0	0	0.0	21.0	0.3
data4-9-32-07862.txt	9	4	32	18	0.5	18	18.0	9216	20343	0	0	0.0	17.0	0.3
data4-9-32-07863.txt	9	4	32	19	0.4	19	19.0	9216	20163	0	0	0.0	19.0	0.2
data4-9-32-07864.txt	9	4	32	19	0.6	19	19.0	9216	20182	0	0	0.0	18.0	0.3
data4-9-32-07865.txt	9	4	32	15	0.3	15	15.0	9216	20201	0	0	0.0	14.5	0.2
data4-9-32-07866.txt	9	4	32	16	0.3	16	16.0	9216	19904	0	0	0.0	15.5	0.2
data4-9-32-07867.txt	9	4	32	20	0.5	20	20.0	9216	20078	1	11	0.0	19.0	0.2
data4-9-32-07868.txt	9	4	32	18	0.4	18	18.0	9216	19951	0	0	0.0	18.0	0.3
data4-9-32-07869.txt	9	4	32	11	0.3	11	11.0	9216	20003	0	0	0.0	11.0	0.2
data4-9-32-07870.txt	9	4	32	18	0.4	18	18.0	9216	20147	0	0	0.0	18.0	0.3
data4-9-32-07871.txt	9	4	32	16	0.3	16	16.0	9216	20012	1	9	0.0	15.0	0.2
data4-9-32-07872.txt	9	4	32	15	0.3	15	15.0	9216	20193	0	0	0.0	15.0	0.2
data4-9-32-07873.txt	9	4	32	9	0.2	9	9.0	9216	19742	0	0	0.0	9.0	0.2
data4-9-32-07874.txt	9	4	32	16	0.4	16	16.0	9216	20265	0	0	0.0	15.0	0.2
data4-9-32-07875.txt	9	4	32	24	0.8	24	24.0	9216	20280	1	1	0.0	21.5	0.3
data4-9-32-07876.txt	9	4	32	17	0.3	17	17.0	9216	19969	0	0	0.0	17.0	0.2
data4-9-32-07877.txt	9	4	32	18	0.5	18	18.0	9216	20365	0	0	0.0	18.0	0.3
data4-9-32-07878.txt	9	4	32	14	0.3	14	14.0	9216	20114	0	0	0.0	14.0	0.2
data4-9-32-07879.txt	9	4	32	19	0.5	19	19.0	9216	20199	0	0	0.0	18.0	0.3
data4-9-32-07880.txt	9	4	32	18	0.3	18	18.0	9216	19751	0	0	0.0	18.0	0.2
data4-9-32-07881.txt	9	4	32	16	0.4	16	16.0	9216	20169	0	0	0.0	16.0	0.2
data4-9-32-07882.txt	9	4	32	14	0.3	14	14.0	9216	19859	0	0	0.0	13.0	0.2
data4-9-32-07883.txt	9	4	32	20	0.4	20	20.0	9216	19950	0	0	0.0	20.0	0.2
data4-9-32-07884.txt	9	4	32	13	0.3	13	13.0	9216	19957	0	0	0.0	13.0	0.2
data4-9-32-07885.txt	9	4	32	19	0.4	19	19.0	9216	20138	0	0	0.0	19.0	0.2
data4-9-32-07886.txt	9	4	32	18	0.3	18	18.0	9216	19836	1	0	0.0	16.0	0.2
data4-9-32-07887.txt	9	4	32	12	0.3	12	12.0	9216	19825	0	0	0.0	12.0	0.2
data4-9-32-07888.txt	9	4	32	16	0.3	16	16.0	9216	20143	0	0	0.0	16.0	0.2
data4-9-32-07889.txt	9	4	32	16	0.7	16	16.0	9216	20159	1	0	0.0	14.0	0.3
data4-9-32-07890.txt	9	4	32	18	0.5	18	18.0	9216	20168	0	0	0.0	17.0	0.3
data4-9-32-07891.txt	9	4	32	14	0.3	14	14.0	9216	19920	0	0	0.0	14.0	0.2
data4-9-32-07892.txt	9	4	32	14	0.3	14	14.0	9216	19957	0	0	0.0	14.0	0.2
data4-9-32-07893.txt	9	4	32	12	0.3	12	12.0	9216	19872	0	0	0.0	12.0	0.2
data4-9-32-07894.txt	9	4	32	22	0.6	22	22.0	9216	20235	0	0	0.0	22.0	0.4
data4-9-32-07895.txt	9	4	32	15	0.3	15	15.0	9216	20037	0	0	0.0	15.0	0.2
data4-9-32-07896.txt	9	4	32	12	0.3	12	12.0	9216	19866	0	0	0.0	12.0	0.2
data4-9-32-07897.txt	9	4	32	18	0.4	18	18.0	9216	20079	0	0	0.0	18.0	0.3
data4-9-32-07898.txt	9	4	32	21	0.9	21	21.0	9216	20500	1	0	0.0	20.0	0.3
data4-9-32-07899.txt	9	4	32	15	0.3	15	15.0	9216	20077	0	0	0.0	15.0	0.2
data4-9-32-07900.txt	9	4	32	16	0.3	16	16.0	9216	19926	0	0	0.0	16.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-9-33-07901.txt	9	4	33	18	0.4	18	18.0	9801	21259	0	0	0.0	18.0	0.3
data4-9-33-07902.txt	9	4	33	18	0.4	18	18.0	9801	21452	0	0	0.0	18.0	0.3
data4-9-33-07903.txt	9	4	33	14	0.3	14	14.0	9801	21072	0	0	0.0	14.0	0.2
data4-9-33-07904.txt	9	4	33	14	0.3	14	14.0	9801	21225	0	0	0.0	14.0	0.2
data4-9-33-07905.txt	9	4	33	20	0.4	20	20.0	9801	21230	0	3	0.0	19.0	0.3
data4-9-33-07906.txt	9	4	33	19	0.4	19	19.0	9801	21479	0	0	0.0	18.5	0.3
data4-9-33-07907.txt	9	4	33	20	0.4	20	20.0	9801	21309	0	0	0.0	20.0	0.2
data4-9-33-07908.txt	9	4	33	22	0.5	22	22.0	9801	21449	0	0	0.0	21.5	0.4
data4-9-33-07909.txt	9	4	33	20	0.4	20	20.0	9801	21317	0	0	0.0	20.0	0.3
data4-9-33-07910.txt	9	4	33	17	0.3	17	17.0	9801	21267	0	4	0.0	16.0	0.2
data4-9-33-07911.txt	9	4	33	17	0.4	17	17.0	9801	21098	0	0	0.0	17.0	0.2
data4-9-33-07912.txt	9	4	33	17	0.5	17	17.0	9801	21563	0	0	0.0	16.5	0.3
data4-9-33-07913.txt	9	4	33	18	0.3	18	18.0	9801	21171	0	0	0.0	18.0	0.2
data4-9-33-07914.txt	9	4	33	16	0.4	16	16.0	9801	21543	0	0	0.0	16.0	0.3
data4-9-33-07915.txt	9	4	33	16	0.3	16	16.0	9801	21120	0	0	0.0	16.0	0.2
data4-9-33-07916.txt	9	4	33	19	0.3	19	19.0	9801	21434	0	0	0.0	19.0	0.2
data4-9-33-07917.txt	9	4	33	21	0.5	21	21.0	9801	21578	0	0	0.0	20.5	0.3
data4-9-33-07918.txt	9	4	33	24	1.3	24	24.0	9801	21743	1	0	0.0	21.5	0.5
data4-9-33-07919.txt	9	4	33	15	0.3	15	15.0	9801	21246	0	0	0.0	15.0	0.2
data4-9-33-07920.txt	9	4	33	22	0.4	22	22.0	9801	21580	0	0	0.0	22.0	0.3
data4-9-33-07921.txt	9	4	33	14	0.3	14	14.0	9801	21058	0	0	0.0	14.0	0.2
data4-9-33-07922.txt	9	4	33	17	0.4	17	17.0	9801	21281	1	5	0.0	16.0	0.2
data4-9-33-07923.txt	9	4	33	18	0.3	18	18.0	9801	21344	0	0	0.0	18.0	0.2
data4-9-33-07924.txt	9	4	33	18	0.4	18	18.0	9801	21390	0	0	0.0	18.0	0.3
data4-9-33-07925.txt	9	4	33	16	0.4	16	16.0	9801	21266	0	0	0.0	16.0	0.2
data4-9-33-07926.txt	9	4	33	16	0.3	16	16.0	9801	21250	0	0	0.0	16.0	0.2
data4-9-33-07927.txt	9	4	33	22	0.4	22	22.0	9801	21516	0	0	0.0	22.0	0.3
data4-9-33-07928.txt	9	4	33	23	0.6	23	23.0	9801	21513	0	0	0.0	23.0	0.4
data4-9-33-07929.txt	9	4	33	22	0.5	22	22.0	9801	21342	0	0	0.0	22.0	0.3
data4-9-33-07930.txt	9	4	33	21	0.9	21	21.0	9801	21769	1	0	0.0	19.0	0.4
data4-9-33-07931.txt	9	4	33	20	0.5	20	20.0	9801	21452	0	0	0.0	19.0	0.3
data4-9-33-07932.txt	9	4	33	21	0.4	21	21.0	9801	21419	0	0	0.0	21.0	0.3
data4-9-33-07933.txt	9	4	33	18	0.3	18	18.0	9801	21194	0	0	0.0	18.0	0.2
data4-9-33-07934.txt	9	4	33	19	0.5	19	19.0	9801	21549	0	0	0.0	19.0	0.3
data4-9-33-07935.txt	9	4	33	19	0.4	19	19.0	9801	21139	0	0	0.0	19.0	0.2
data4-9-33-07936.txt	9	4	33	21	0.5	21	21.0	9801	21760	0	0	0.0	19.5	0.3
data4-9-33-07937.txt	9	4	33	23	4.1	23	23.0	9801	21647	346	64	0.0	20.0	0.5
data4-9-33-07938.txt	9	4	33	14	0.3	14	14.0	9801	21276	0	2	0.0	13.0	0.2
data4-9-33-07939.txt	9	4	33	19	0.4	19	19.0	9801	21392	0	0	0.0	19.0	0.3
data4-9-33-07940.txt	9	4	33	22	0.5	22	22.0	9801	21395	0	0	0.0	22.0	0.3
data4-9-33-07941.txt	9	4	33	17	0.4	17	17.0	9801	21339	0	0	0.0	17.0	0.3
data4-9-33-07942.txt	9	4	33	20	0.4	20	20.0	9801	21390	0	0	0.0	19.5	0.3
data4-9-33-07943.txt	9	4	33	12	0.3	12	12.0	9801	21104	0	0	0.0	12.0	0.2
data4-9-33-07944.txt	9	4	33	19	0.6	19	19.0	9801	21341	1	0	0.0	17.5	0.3
data4-9-33-07945.txt	9	4	33	18	0.5	18	18.0	9801	21230	1	0	0.0	16.2	0.2
data4-9-33-07946.txt	9	4	33	17	0.4	17	17.0	9801	21050	0	0	0.0	17.0	0.2
data4-9-33-07947.txt	9	4	33	14	0.4	14	14.0	9801	21267	0	0	0.0	13.5	0.2
data4-9-33-07948.txt	9	4	33	21	0.5	21	21.0	9801	21554	0	0	0.0	20.7	0.3
data4-9-33-07949.txt	9	4	33	17	0.4	17	17.0	9801	21243	0	0	0.0	17.0	0.3
data4-9-33-07950.txt	9	4	33	20	0.5	20	20.0	9801	21229	0	0	0.0	19.0	0.2
data4-9-33-07951.txt	9	4	33	16	0.4	16	16.0	9801	21244	0	0	0.0	16.0	0.2
data4-9-33-07952.txt	9	4	33	19	0.5	19	19.0	9801	21445	0	0	0.0	19.0	0.3
data4-9-33-07953.txt	9	4	33	17	0.4	17	17.0	9801	21309	0	0	0.0	16.0	0.3
data4-9-33-07954.txt	9	4	33	15	0.3	15	15.0	9801	21166	0	0	0.0	15.0	0.2
data4-9-33-07955.txt	9	4	33	19	0.5	19	19.0	9801	21357	0	0	0.0	18.5	0.3
data4-9-33-07956.txt	9	4	33	19	0.4	19	19.0	9801	21383	0	2	0.0	18.0	0.2
data4-9-33-07957.txt	9	4	33	21	0.4	21	21.0	9801	21281	0	0	0.0	21.0	0.3
data4-9-33-07958.txt	9	4	33	17	0.4	17	17.0	9801	21468	0	0	0.0	17.0	0.3
data4-9-33-07959.txt	9	4	33	15	0.3	15	15.0	9801	21276	0	0	0.0	15.0	0.2
data4-9-33-07960.txt	9	4	33	23	0.5	23	23.0	9801	21436	0	0	0.0	23.0	0.4
data4-9-33-07961.txt	9	4	33	20	0.5	20	20.0	9801	21418	1	32	0.0	19.0	0.3
data4-9-33-07962.txt	9	4	33	17	0.3	17	17.0	9801	21335	0	0	0.0	17.0	0.2
data4-9-33-07963.txt	9	4	33	15	0.3	15	15.0	9801	21352	0	0	0.0	15.0	0.2
data4-9-33-07964.txt	9	4	33	18	0.4	18	18.0	9801	21075	0	0	0.0	18.0	0.2
data4-9-33-07965.txt	9	4	33	17	0.4	17	17.0	9801	21490	0	0	0.0	17.0	0.3
data4-9-33-07966.txt	9	4	33	21	0.6	21	21.0	9801	21623	0	0	0.0	21.0	0.4
data4-9-33-07967.txt	9	4	33	16	0.3	16	16.0	9801	21303	0	0	0.0	16.0	0.2
data4-9-33-07968.txt	9	4	33	17	0.4	17	17.0	9801	21488	0	0	0.0	17.0	0.3
data4-9-33-07969.txt	9	4	33	17	0.4	17	17.0	9801	21583	0	4	0.0	16.0	0.3
data4-9-33-07970.txt	9	4	33	19	0.5	19	19.0	9801	21393	0	0	0.0	18.5	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-9-33-07971.txt	9	4	33	18	0.3	18	18.0	9801	21511	0	0	0.0	18.0	0.2
data4-9-33-07972.txt	9	4	33	19	0.3	19	19.0	9801	21188	0	0	0.0	19.0	0.2
data4-9-33-07973.txt	9	4	33	15	0.3	15	15.0	9801	21448	0	1	0.0	14.0	0.2
data4-9-33-07974.txt	9	4	33	21	0.6	21	21.0	9801	21568	0	0	0.0	21.0	0.3
data4-9-33-07975.txt	9	4	33	19	0.5	19	19.0	9801	21452	0	0	0.0	19.0	0.3
data4-9-33-07976.txt	9	4	33	16	0.4	16	16.0	9801	21469	0	5	0.0	15.0	0.2
data4-9-33-07977.txt	9	4	33	16	0.3	16	16.0	9801	20981	0	0	0.0	16.0	0.2
data4-9-33-07978.txt	9	4	33	15	0.4	15	15.0	9801	21163	0	0	0.0	15.0	0.2
data4-9-33-07979.txt	9	4	33	16	0.4	16	16.0	9801	21241	0	0	0.0	16.0	0.3
data4-9-33-07980.txt	9	4	33	16	0.4	16	16.0	9801	21354	0	0	0.0	16.0	0.3
data4-9-33-07981.txt	9	4	33	23	2.9	23	23.0	9801	21777	285	53	0.0	19.5	0.4
data4-9-33-07982.txt	9	4	33	16	0.4	16	16.0	9801	21288	0	0	0.0	16.0	0.2
data4-9-33-07983.txt	9	4	33	17	0.4	17	17.0	9801	21412	0	0	0.0	17.0	0.2
data4-9-33-07984.txt	9	4	33	22	0.6	22	22.0	9801	21606	0	6	0.0	21.0	0.3
data4-9-33-07985.txt	9	4	33	18	0.3	18	18.0	9801	21363	0	0	0.0	18.0	0.2
data4-9-33-07986.txt	9	4	33	21	0.3	21	21.0	9801	21181	0	0	0.0	21.0	0.2
data4-9-33-07987.txt	9	4	33	25	0.9	25	25.0	9801	21763	0	0	0.0	24.5	0.6
data4-9-33-07988.txt	9	4	33	20	0.5	20	20.0	9801	21598	0	0	0.0	19.5	0.3
data4-9-33-07989.txt	9	4	33	20	0.4	20	20.0	9801	21408	0	0	0.0	20.0	0.3
data4-9-33-07990.txt	9	4	33	16	0.4	16	16.0	9801	21282	0	0	0.0	15.5	0.2
data4-9-33-07991.txt	9	4	33	22	0.6	22	22.0	9801	21754	0	0	0.0	21.5	0.4
data4-9-33-07992.txt	9	4	33	16	0.4	16	16.0	9801	21479	0	0	0.0	15.0	0.2
data4-9-33-07993.txt	9	4	33	23	0.6	23	23.0	9801	21598	1	8	0.0	21.0	0.3
data4-9-33-07994.txt	9	4	33	18	0.3	18	18.0	9801	21278	0	1	0.0	17.0	0.2
data4-9-33-07995.txt	9	4	33	16	0.4	16	16.0	9801	21336	0	0	0.0	15.5	0.3
data4-9-33-07996.txt	9	4	33	22	0.5	22	22.0	9801	21794	0	0	0.0	21.5	0.4
data4-9-33-07997.txt	9	4	33	24	0.5	24	24.0	9801	21627	0	0	0.0	22.5	0.4
data4-9-33-07998.txt	9	4	33	17	0.4	17	17.0	9801	21383	0	0	0.0	17.0	0.2
data4-9-33-07999.txt	9	4	33	22	0.5	22	22.0	9801	21531	0	0	0.0	22.0	0.3
data4-9-33-08000.txt	9	4	33	15	0.3	15	15.0	9801	21214	0	0	0.0	15.0	0.2
data4-9-34-08001.txt	9	4	34	16	0.5	16	16.0	10404	22650	1	0	0.0	14.0	0.2
data4-9-34-08002.txt	9	4	34	23	0.5	23	23.0	10404	22872	0	0	0.0	23.0	0.3
data4-9-34-08003.txt	9	4	34	17	0.3	17	17.0	10404	22315	0	0	0.0	17.0	0.2
data4-9-34-08004.txt	9	4	34	21	0.4	21	21.0	10404	22763	0	0	0.0	21.0	0.3
data4-9-34-08005.txt	9	4	34	14	0.3	14	14.0	10404	22548	0	0	0.0	14.0	0.2
data4-9-34-08006.txt	9	4	34	25	0.6	25	25.0	10404	22866	0	0	0.0	25.0	0.4
data4-9-34-08007.txt	9	4	34	28	2.1	28	28.0	10404	22872	50	9	0.0	25.0	0.4
data4-9-34-08008.txt	9	4	34	11	0.2	11	11.0	10404	22065	0	0	0.0	11.0	0.2
data4-9-34-08009.txt	9	4	34	17	0.4	17	17.0	10404	22338	0	0	0.0	17.0	0.2
data4-9-34-08010.txt	9	4	34	17	0.4	17	17.0	10404	22950	0	0	0.0	16.5	0.3
data4-9-34-08011.txt	9	4	34	20	0.4	20	20.0	10404	22627	1	3	0.0	18.2	0.2
data4-9-34-08012.txt	9	4	34	15	0.3	15	15.0	10404	22288	0	0	0.0	15.0	0.2
data4-9-34-08013.txt	9	4	34	18	0.4	18	18.0	10404	22524	1	7	0.0	17.0	0.2
data4-9-34-08014.txt	9	4	34	17	0.3	17	17.0	10404	22482	0	0	0.0	17.0	0.2
data4-9-34-08015.txt	9	4	34	16	0.4	16	16.0	10404	22494	0	0	0.0	15.0	0.2
data4-9-34-08016.txt	9	4	34	22	0.6	22	22.0	10404	22817	0	0	0.0	22.0	0.4
data4-9-34-08017.txt	9	4	34	20	0.4	20	20.0	10404	22722	0	0	0.0	19.5	0.3
data4-9-34-08018.txt	9	4	34	21	0.5	21	21.0	10404	22908	0	0	0.0	20.5	0.3
data4-9-34-08019.txt	9	4	34	23	0.4	23	23.0	10404	23080	0	0	0.0	23.0	0.3
data4-9-34-08020.txt	9	4	34	19	0.6	19	19.0	10404	22847	0	0	0.0	18.0	0.3
data4-9-34-08021.txt	9	4	34	19	0.5	19	19.0	10404	22609	0	0	0.0	18.5	0.3
data4-9-34-08022.txt	9	4	34	20	0.4	20	20.0	10404	22540	0	0	0.0	20.0	0.3
data4-9-34-08023.txt	9	4	34	22	0.5	22	22.0	10404	22900	0	0	0.0	22.0	0.3
data4-9-34-08024.txt	9	4	34	20	0.5	20	20.0	10404	22759	0	0	0.0	19.0	0.3
data4-9-34-08025.txt	9	4	34	21	0.5	21	21.0	10404	22764	0	0	0.0	21.0	0.3
data4-9-34-08026.txt	9	4	34	20	0.4	20	20.0	10404	22852	0	8	0.0	19.0	0.3
data4-9-34-08027.txt	9	4	34	13	0.3	13	13.0	10404	22204	0	0	0.0	13.0	0.2
data4-9-34-08028.txt	9	4	34	20	0.4	20	20.0	10404	22799	0	0	0.0	19.5	0.3
data4-9-34-08029.txt	9	4	34	17	0.4	17	17.0	10404	22511	0	0	0.0	16.5	0.3
data4-9-34-08030.txt	9	4	34	15	0.3	15	15.0	10404	22264	0	0	0.0	15.0	0.2
data4-9-34-08031.txt	9	4	34	22	0.4	22	22.0	10404	22660	0	0	0.0	22.0	0.3
data4-9-34-08032.txt	9	4	34	18	0.4	18	18.0	10404	22549	0	0	0.0	17.5	0.2
data4-9-34-08033.txt	9	4	34	27	0.4	27	27.0	10404	22790	0	0	0.0	27.0	0.3
data4-9-34-08034.txt	9	4	34	18	0.5	18	18.0	10404	22597	0	0	0.0	18.0	0.3
data4-9-34-08035.txt	9	4	34	16	0.3	16	16.0	10404	22513	0	0	0.0	16.0	0.2
data4-9-34-08036.txt	9	4	34	28	0.7	28	28.0	10404	23054	1	2	0.0	26.5	0.4
data4-9-34-08037.txt	9	4	34	21	0.4	21	21.0	10404	22797	0	2	0.0	20.0	0.3
data4-9-34-08038.txt	9	4	34	22	0.6	22	22.0	10404	22837	0	3	0.0	21.0	0.4
data4-9-34-08039.txt	9	4	34	22	0.5	22	22.0	10404	23045	0	0	0.0	21.5	0.3
data4-9-34-08040.txt	9	4	34	23	0.5	23	23.0	10404	22651	0	1	0.0	22.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-9-34-08041.txt	9	4	34	16	0.4	16	16.0	10404	22834	0	0	0.0	16.0	0.3
data4-9-34-08042.txt	9	4	34	21	0.5	21	21.0	10404	22726	0	0	0.0	20.5	0.3
data4-9-34-08043.txt	9	4	34	23	0.4	23	23.0	10404	22574	0	0	0.0	23.0	0.3
data4-9-34-08044.txt	9	4	34	17	0.3	17	17.0	10404	22819	0	0	0.0	17.0	0.2
data4-9-34-08045.txt	9	4	34	16	0.3	16	16.0	10404	22345	0	0	0.0	16.0	0.2
data4-9-34-08046.txt	9	4	34	17	0.4	17	17.0	10404	22443	0	0	0.0	17.0	0.2
data4-9-34-08047.txt	9	4	34	20	0.4	20	20.0	10404	22926	0	0	0.0	19.5	0.3
data4-9-34-08048.txt	9	4	34	19	0.4	19	19.0	10404	22642	0	0	0.0	19.0	0.2
data4-9-34-08049.txt	9	4	34	23	0.6	23	23.0	10404	22862	0	0	0.0	22.0	0.4
data4-9-34-08050.txt	9	4	34	20	0.4	20	20.0	10404	22627	0	0	0.0	19.0	0.2
data4-9-34-08051.txt	9	4	34	16	0.4	16	16.0	10404	22568	0	0	0.0	16.0	0.2
data4-9-34-08052.txt	9	4	34	16	0.3	16	16.0	10404	22508	0	1	0.0	15.0	0.2
data4-9-34-08053.txt	9	4	34	23	0.4	23	23.0	10404	22970	0	0	0.0	23.0	0.3
data4-9-34-08054.txt	9	4	34	20	0.3	20	20.0	10404	22536	0	2	0.0	19.0	0.2
data4-9-34-08055.txt	9	4	34	20	0.5	20	20.0	10404	22845	0	2	0.0	19.0	0.3
data4-9-34-08056.txt	9	4	34	15	0.3	15	15.0	10404	22533	0	0	0.0	14.3	0.2
data4-9-34-08057.txt	9	4	34	22	0.5	22	22.0	10404	22819	0	0	0.0	21.3	0.3
data4-9-34-08058.txt	9	4	34	19	0.5	19	19.0	10404	22653	0	0	0.0	18.0	0.3
data4-9-34-08059.txt	9	4	34	18	0.4	18	18.0	10404	22665	0	0	0.0	18.0	0.3
data4-9-34-08060.txt	9	4	34	20	0.5	20	20.0	10404	22713	0	0	0.0	20.0	0.3
data4-9-34-08061.txt	9	4	34	24	0.7	24	24.0	10404	22808	1	1	0.0	21.3	0.3
data4-9-34-08062.txt	9	4	34	22	0.4	22	22.0	10404	22613	0	0	0.0	21.2	0.2
data4-9-34-08063.txt	9	4	34	20	0.4	20	20.0	10404	22773	0	0	0.0	20.0	0.3
data4-9-34-08064.txt	9	4	34	15	0.4	15	15.0	10404	22578	0	0	0.0	15.0	0.3
data4-9-34-08065.txt	9	4	34	22	0.7	22	22.0	10404	22924	1	4	0.0	20.5	0.3
data4-9-34-08066.txt	9	4	34	16	0.3	16	16.0	10404	22565	0	0	0.0	16.0	0.2
data4-9-34-08067.txt	9	4	34	16	0.3	16	16.0	10404	22314	0	0	0.0	16.0	0.2
data4-9-34-08068.txt	9	4	34	20	0.4	20	20.0	10404	22741	0	4	0.0	19.0	0.3
data4-9-34-08069.txt	9	4	34	19	0.4	19	19.0	10404	22684	0	0	0.0	19.0	0.2
data4-9-34-08070.txt	9	4	34	21	0.3	21	21.0	10404	22538	0	0	0.0	21.0	0.3
data4-9-34-08071.txt	9	4	34	21	0.4	21	21.0	10404	22796	0	1	0.0	20.0	0.3
data4-9-34-08072.txt	9	4	34	17	0.3	17	17.0	10404	22526	0	0	0.0	17.0	0.2
data4-9-34-08073.txt	9	4	34	19	0.4	19	19.0	10404	22694	0	0	0.0	19.0	0.3
data4-9-34-08074.txt	9	4	34	20	0.5	20	20.0	10404	22748	0	0	0.0	20.0	0.4
data4-9-34-08075.txt	9	4	34	18	0.4	18	18.0	10404	22430	0	0	0.0	17.0	0.2
data4-9-34-08076.txt	9	4	34	18	0.4	18	18.0	10404	22672	0	0	0.0	18.0	0.3
data4-9-34-08077.txt	9	4	34	21	0.5	21	21.0	10404	22940	0	0	0.0	21.0	0.3
data4-9-34-08078.txt	9	4	34	21	0.4	21	21.0	10404	22721	0	0	0.0	21.0	0.3
data4-9-34-08079.txt	9	4	34	23	0.5	23	23.0	10404	22865	0	0	0.0	23.0	0.3
data4-9-34-08080.txt	9	4	34	23	0.3	23	23.0	10404	22881	0	0	0.0	22.5	0.2
data4-9-34-08081.txt	9	4	34	18	0.5	18	18.0	10404	22682	0	0	0.0	17.0	0.3
data4-9-34-08082.txt	9	4	34	20	0.6	20	20.0	10404	22752	1	11	0.0	19.0	0.3
data4-9-34-08083.txt	9	4	34	19	0.4	19	19.0	10404	22712	0	0	0.0	18.5	0.3
data4-9-34-08084.txt	9	4	34	20	0.4	20	20.0	10404	22517	0	0	0.0	19.0	0.3
data4-9-34-08085.txt	9	4	34	20	0.4	20	20.0	10404	22551	0	0	0.0	19.0	0.2
data4-9-34-08086.txt	9	4	34	22	0.5	22	22.0	10404	22885	0	0	0.0	22.0	0.3
data4-9-34-08087.txt	9	4	34	14	0.4	14	14.0	10404	22506	0	0	0.0	13.3	0.3
data4-9-34-08088.txt	9	4	34	17	0.4	17	17.0	10404	22606	0	0	0.0	17.0	0.3
data4-9-34-08089.txt	9	4	34	19	0.5	19	19.0	10404	22726	0	0	0.0	19.0	0.3
data4-9-34-08090.txt	9	4	34	22	0.6	22	22.0	10404	22836	0	0	0.0	22.0	0.4
data4-9-34-08091.txt	9	4	34	22	0.5	22	22.0	10404	22667	0	0	0.0	22.0	0.3
data4-9-34-08092.txt	9	4	34	23	0.5	23	23.0	10404	22925	0	0	0.0	23.0	0.4
data4-9-34-08093.txt	9	4	34	20	0.4	20	20.0	10404	22335	0	0	0.0	20.0	0.2
data4-9-34-08094.txt	9	4	34	19	0.3	19	19.0	10404	22329	0	0	0.0	19.0	0.2
data4-9-34-08095.txt	9	4	34	18	0.5	18	18.0	10404	22863	0	0	0.0	18.0	0.4
data4-9-34-08096.txt	9	4	34	14	0.3	14	14.0	10404	22350	0	0	0.0	14.0	0.2
data4-9-34-08097.txt	9	4	34	18	0.4	18	18.0	10404	22596	0	0	0.0	18.0	0.3
data4-9-34-08098.txt	9	4	34	18	0.5	18	18.0	10404	22807	0	0	0.0	18.0	0.3
data4-9-34-08099.txt	9	4	34	19	0.5	19	19.0	10404	22671	0	0	0.0	19.0	0.3
data4-9-34-08100.txt	9	4	34	19	0.3	19	19.0	10404	22719	0	0	0.0	19.0	0.2
data4-9-35-08101.txt	9	4	35	16	0.4	16	16.0	11025	23907	0	0	0.0	16.0	0.3
data4-9-35-08102.txt	9	4	35	14	0.4	14	14.0	11025	23810	0	0	0.0	14.0	0.2
data4-9-35-08103.txt	9	4	35	18	0.4	18	18.0	11025	23745	0	0	0.0	18.0	0.2
data4-9-35-08104.txt	9	4	35	19	0.4	19	19.0	11025	23836	0	0	0.0	19.0	0.3
data4-9-35-08105.txt	9	4	35	19	0.4	19	19.0	11025	23949	0	0	0.0	19.0	0.3
data4-9-35-08106.txt	9	4	35	21	0.7	21	21.0	11025	24032	1	0	0.0	20.0	0.3
data4-9-35-08107.txt	9	4	35	20	0.4	20	20.0	11025	24110	0	0	0.0	19.0	0.3
data4-9-35-08108.txt	9	4	35	15	0.3	15	15.0	11025	23617	0	0	0.0	15.0	0.2
data4-9-35-08109.txt	9	4	35	19	0.5	19	19.0	11025	24087	0	0	0.0	19.0	0.3
data4-9-35-08110.txt	9	4	35	13	0.3	13	13.0	11025	23862	0	0	0.0	13.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-9-35-08111.txt	9	4	35	25	0.6	25	25.0	11025	24101	0	0	0.0	24.5	0.3
data4-9-35-08112.txt	9	4	35	19	0.5	19	19.0	11025	24068	0	0	0.0	19.0	0.3
data4-9-35-08113.txt	9	4	35	25	0.4	25	25.0	11025	24018	0	3	0.0	24.0	0.3
data4-9-35-08114.txt	9	4	35	16	0.4	16	16.0	11025	23882	0	0	0.0	16.0	0.3
data4-9-35-08115.txt	9	4	35	22	0.5	22	22.0	11025	24334	1	3	0.0	20.5	0.3
data4-9-35-08116.txt	9	4	35	23	0.4	23	23.0	11025	24064	0	2	0.0	22.0	0.3
data4-9-35-08117.txt	9	4	35	20	0.5	20	20.0	11025	23983	0	0	0.0	20.0	0.3
data4-9-35-08118.txt	9	4	35	24	0.5	24	24.0	11025	24126	0	0	0.0	24.0	0.3
data4-9-35-08119.txt	9	4	35	20	0.5	20	20.0	11025	23904	0	0	0.0	20.0	0.3
data4-9-35-08120.txt	9	4	35	22	0.4	22	22.0	11025	24253	0	0	0.0	22.0	0.3
data4-9-35-08121.txt	9	4	35	21	0.4	21	21.0	11025	24007	0	0	0.0	21.0	0.3
data4-9-35-08122.txt	9	4	35	26	0.3	26	26.0	11025	23921	0	0	0.0	26.0	0.3
data4-9-35-08123.txt	9	4	35	24	0.6	24	24.0	11025	24407	0	0	0.0	24.0	0.4
data4-9-35-08124.txt	9	4	35	20	0.4	20	20.0	11025	23902	0	0	0.0	20.0	0.3
data4-9-35-08125.txt	9	4	35	13	0.4	13	13.0	11025	23815	0	0	0.0	13.0	0.2
data4-9-35-08126.txt	9	4	35	17	0.5	17	17.0	11025	23984	0	1	0.0	16.0	0.3
data4-9-35-08127.txt	9	4	35	15	0.3	15	15.0	11025	23700	0	0	0.0	14.5	0.2
data4-9-35-08128.txt	9	4	35	18	0.4	18	18.0	11025	23929	0	0	0.0	18.0	0.3
data4-9-35-08129.txt	9	4	35	18	0.4	18	18.0	11025	23928	0	0	0.0	18.0	0.3
data4-9-35-08130.txt	9	4	35	16	0.5	16	16.0	11025	24148	0	0	0.0	16.0	0.3
data4-9-35-08131.txt	9	4	35	19	0.4	19	19.0	11025	23896	0	1	0.0	18.0	0.3
data4-9-35-08132.txt	9	4	35	26	0.4	26	26.0	11025	23976	0	0	0.0	26.0	0.3
data4-9-35-08133.txt	9	4	35	25	0.7	25	25.0	11025	24318	0	0	0.0	25.0	0.4
data4-9-35-08134.txt	9	4	35	19	0.4	19	19.0	11025	23805	0	0	0.0	18.5	0.2
data4-9-35-08135.txt	9	4	35	23	0.5	23	23.0	11025	24138	0	0	0.0	22.5	0.3
data4-9-35-08136.txt	9	4	35	18	0.4	18	18.0	11025	23950	0	0	0.0	18.0	0.2
data4-9-35-08137.txt	9	4	35	16	0.4	16	16.0	11025	23797	0	0	0.0	16.0	0.3
data4-9-35-08138.txt	9	4	35	22	0.4	22	22.0	11025	24014	0	0	0.0	22.0	0.3
data4-9-35-08139.txt	9	4	35	16	0.4	16	16.0	11025	24009	0	0	0.0	16.0	0.3
data4-9-35-08140.txt	9	4	35	25	0.5	25	25.0	11025	24050	0	0	0.0	24.5	0.3
data4-9-35-08141.txt	9	4	35	21	0.4	21	21.0	11025	24117	0	0	0.0	21.0	0.3
data4-9-35-08142.txt	9	4	35	21	0.3	21	21.0	11025	24112	0	0	0.0	21.0	0.2
data4-9-35-08143.txt	9	4	35	14	0.3	14	14.0	11025	23827	0	0	0.0	14.0	0.2
data4-9-35-08144.txt	9	4	35	20	0.5	20	20.0	11025	24238	0	0	0.0	20.0	0.3
data4-9-35-08145.txt	9	4	35	23	0.9	23	23.0	11025	23869	14	19	0.0	21.0	0.3
data4-9-35-08146.txt	9	4	35	19	0.4	19	19.0	11025	23888	0	0	0.0	19.0	0.3
data4-9-35-08147.txt	9	4	35	18	0.5	18	18.0	11025	24066	0	0	0.0	18.0	0.3
data4-9-35-08148.txt	9	4	35	25	0.5	25	25.0	11025	24033	1	5	0.0	23.5	0.3
data4-9-35-08149.txt	9	4	35	19	0.5	19	19.0	11025	24388	0	0	0.0	18.5	0.3
data4-9-35-08150.txt	9	4	35	18	0.4	18	18.0	11025	23816	0	0	0.0	18.0	0.2
data4-9-35-08151.txt	9	4	35	17	0.4	17	17.0	11025	23978	0	0	0.0	17.0	0.2
data4-9-35-08152.txt	9	4	35	23	0.6	23	23.0	11025	24146	0	0	0.0	22.5	0.4
data4-9-35-08153.txt	9	4	35	20	0.6	20	20.0	11025	24012	0	0	0.0	20.0	0.4
data4-9-35-08154.txt	9	4	35	22	0.5	22	22.0	11025	24135	0	0	0.0	22.0	0.3
data4-9-35-08155.txt	9	4	35	16	0.3	16	16.0	11025	23836	0	4	0.0	15.0	0.2
data4-9-35-08156.txt	9	4	35	19	0.4	19	19.0	11025	23909	0	0	0.0	19.0	0.2
data4-9-35-08157.txt	9	4	35	18	0.5	18	18.0	11025	23882	0	0	0.0	18.0	0.3
data4-9-35-08158.txt	9	4	35	17	0.5	17	17.0	11025	24001	0	0	0.0	17.0	0.3
data4-9-35-08159.txt	9	4	35	14	0.4	14	14.0	11025	23808	0	0	0.0	14.0	0.2
data4-9-35-08160.txt	9	4	35	22	0.5	22	22.0	11025	24217	1	4	0.0	20.5	0.3
data4-9-35-08161.txt	9	4	35	19	0.5	19	19.0	11025	24029	0	0	0.0	18.0	0.3
data4-9-35-08162.txt	9	4	35	20	0.4	20	20.0	11025	23917	0	0	0.0	20.0	0.3
data4-9-35-08163.txt	9	4	35	16	0.4	16	16.0	11025	23969	0	0	0.0	16.0	0.3
data4-9-35-08164.txt	9	4	35	21	0.4	21	21.0	11025	24098	0	3	0.0	20.0	0.3
data4-9-35-08165.txt	9	4	35	18	1.0	18	18.0	11025	23943	41	0	0.0	16.0	0.3
data4-9-35-08166.txt	9	4	35	19	0.4	19	19.0	11025	23721	0	0	0.0	19.0	0.2
data4-9-35-08167.txt	9	4	35	13	0.3	13	13.0	11025	23574	0	0	0.0	13.0	0.2
data4-9-35-08168.txt	9	4	35	14	0.3	14	14.0	11025	23746	0	0	0.0	14.0	0.2
data4-9-35-08169.txt	9	4	35	19	0.3	19	19.0	11025	23783	0	2	0.0	18.0	0.2
data4-9-35-08170.txt	9	4	35	18	0.4	18	18.0	11025	23872	0	0	0.0	18.0	0.3
data4-9-35-08171.txt	9	4	35	21	0.4	21	21.0	11025	24107	0	0	0.0	20.5	0.3
data4-9-35-08172.txt	9	4	35	19	0.4	19	19.0	11025	24079	0	0	0.0	19.0	0.3
data4-9-35-08173.txt	9	4	35	22	0.4	22	22.0	11025	23891	0	0	0.0	22.0	0.2
data4-9-35-08174.txt	9	4	35	19	0.4	19	19.0	11025	24017	0	0	0.0	19.0	0.3
data4-9-35-08175.txt	9	4	35	21	0.4	21	21.0	11025	24140	0	0	0.0	21.0	0.3
data4-9-35-08176.txt	9	4	35	17	0.4	17	17.0	11025	23934	0	0	0.0	17.0	0.2
data4-9-35-08177.txt	9	4	35	25	0.6	25	25.0	11025	24132	0	3	0.0	24.0	0.4
data4-9-35-08178.txt	9	4	35	14	0.4	14	14.0	11025	24021	0	0	0.0	14.0	0.3
data4-9-35-08179.txt	9	4	35	22	0.5	22	22.0	11025	24143	0	0	0.0	21.0	0.3
data4-9-35-08180.txt	9	4	35	22	0.5	22	22.0	11025	24378	0	0	0.0	22.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-9-35-08181.txt	9	4	35	20	0.5	20	20.0	11025	24157	0	0	0.0	20.0	0.3
data4-9-35-08182.txt	9	4	35	26	0.5	26	26.0	11025	24080	1	4	0.0	24.0	0.3
data4-9-35-08183.txt	9	4	35	24	1.1	24	24.0	11025	24076	3	3	0.0	21.8	0.3
data4-9-35-08184.txt	9	4	35	18	0.4	18	18.0	11025	23922	0	0	0.0	17.5	0.3
data4-9-35-08185.txt	9	4	35	17	0.3	17	17.0	11025	23685	0	0	0.0	17.0	0.2
data4-9-35-08186.txt	9	4	35	19	0.4	19	19.0	11025	23999	0	0	0.0	19.0	0.3
data4-9-35-08187.txt	9	4	35	17	0.4	17	17.0	11025	24088	0	0	0.0	17.0	0.3
data4-9-35-08188.txt	9	4	35	18	0.3	18	18.0	11025	23844	0	0	0.0	18.0	0.2
data4-9-35-08189.txt	9	4	35	17	0.4	17	17.0	11025	23915	0	0	0.0	17.0	0.2
data4-9-35-08190.txt	9	4	35	17	0.3	17	17.0	11025	23622	0	0	0.0	17.0	0.2
data4-9-35-08191.txt	9	4	35	16	0.3	16	16.0	11025	23710	0	0	0.0	16.0	0.2
data4-9-35-08192.txt	9	4	35	23	0.4	23	23.0	11025	24033	0	0	0.0	23.0	0.3
data4-9-35-08193.txt	9	4	35	18	0.4	18	18.0	11025	23821	0	0	0.0	18.0	0.3
data4-9-35-08194.txt	9	4	35	18	0.4	18	18.0	11025	24105	0	0	0.0	18.0	0.3
data4-9-35-08195.txt	9	4	35	18	0.5	18	18.0	11025	24168	0	0	0.0	18.0	0.3
data4-9-35-08196.txt	9	4	35	24	0.6	24	24.0	11025	23966	0	0	0.0	23.0	0.3
data4-9-35-08197.txt	9	4	35	17	0.4	17	17.0	11025	24181	0	0	0.0	17.0	0.3
data4-9-35-08198.txt	9	4	35	17	0.4	17	17.0	11025	24000	0	0	0.0	15.8	0.3
data4-9-35-08199.txt	9	4	35	16	0.4	16	16.0	11025	23811	0	0	0.0	16.0	0.3
data4-9-35-08200.txt	9	4	35	21	0.4	21	21.0	11025	23919	0	2	0.0	20.0	0.3
data4-10-36-10301.txt	10	4	36	12	0.4	12	12.0	12960	28261	0	0	0.0	12.0	0.3
data4-10-36-10302.txt	10	4	36	17	0.5	17	17.0	12960	28210	0	0	0.0	16.2	0.3
data4-10-36-10303.txt	10	4	36	20	0.5	20	20.0	12960	28249	0	0	0.0	20.0	0.4
data4-10-36-10304.txt	10	4	36	18	0.6	18	18.0	12960	28112	0	0	0.0	17.0	0.3
data4-10-36-10305.txt	10	4	36	19	0.6	19	19.0	12960	28190	0	0	0.0	18.5	0.3
data4-10-36-10306.txt	10	4	36	18	0.6	18	18.0	12960	28367	0	0	0.0	17.5	0.4
data4-10-36-10307.txt	10	4	36	20	0.7	20	20.0	12960	28385	0	0	0.0	20.0	0.5
data4-10-36-10308.txt	10	4	36	21	0.6	21	21.0	12960	28172	0	2	0.0	20.0	0.3
data4-10-36-10309.txt	10	4	36	18	0.5	18	18.0	12960	27945	0	0	0.0	18.0	0.3
data4-10-36-10310.txt	10	4	36	18	0.5	18	18.0	12960	27957	0	0	0.0	18.0	0.4
data4-10-36-10311.txt	10	4	36	22	0.6	22	22.0	12960	28301	0	0	0.0	22.0	0.4
data4-10-36-10312.txt	10	4	36	19	0.5	19	19.0	12960	28237	0	0	0.0	19.0	0.4
data4-10-36-10313.txt	10	4	36	17	0.5	17	17.0	12960	28186	0	0	0.0	17.0	0.3
data4-10-36-10314.txt	10	4	36	21	1.1	21	21.0	12960	28652	1	0	0.0	17.0	0.4
data4-10-36-10315.txt	10	4	36	20	0.5	20	20.0	12960	28010	0	0	0.0	20.0	0.4
data4-10-36-10316.txt	10	4	36	15	0.5	15	15.0	12960	27907	0	0	0.0	15.0	0.3
data4-10-36-10317.txt	10	4	36	19	0.5	19	19.0	12960	28081	0	0	0.0	18.5	0.4
data4-10-36-10318.txt	10	4	36	14	0.4	14	14.0	12960	27865	0	0	0.0	14.0	0.3
data4-10-36-10319.txt	10	4	36	18	0.5	18	18.0	12960	28219	0	0	0.0	17.0	0.3
data4-10-36-10320.txt	10	4	36	18	0.4	18	18.0	12960	27795	0	0	0.0	17.2	0.3
data4-10-36-10321.txt	10	4	36	23	0.6	23	23.0	12960	28128	0	0	0.0	22.5	0.4
data4-10-36-10322.txt	10	4	36	22	1.0	22	22.0	12960	28385	0	0	0.0	21.0	0.5
data4-10-36-10323.txt	10	4	36	22	0.8	22	22.0	12960	28338	0	0	0.0	20.3	0.4
data4-10-36-10324.txt	10	4	36	15	0.4	15	15.0	12960	27886	0	0	0.0	15.0	0.3
data4-10-36-10325.txt	10	4	36	24	0.7	24	24.0	12960	28254	0	0	0.0	22.5	0.4
data4-10-36-10326.txt	10	4	36	16	0.5	16	16.0	12960	28270	0	0	0.0	16.0	0.3
data4-10-36-10327.txt	10	4	36	19	0.6	19	19.0	12960	28086	0	0	0.0	19.0	0.4
data4-10-36-10328.txt	10	4	36	20	0.5	20	20.0	12960	28078	0	0	0.0	19.0	0.3
data4-10-36-10329.txt	10	4	36	20	0.5	20	20.0	12960	28342	0	0	0.0	20.0	0.4
data4-10-36-10330.txt	10	4	36	14	0.4	14	14.0	12960	27762	0	0	0.0	14.0	0.3
data4-10-36-10331.txt	10	4	36	24	1.1	24	24.0	12960	28606	0	0	0.0	24.0	0.6
data4-10-36-10332.txt	10	4	36	22	0.6	22	22.0	12960	28253	0	0	0.0	22.0	0.4
data4-10-36-10333.txt	10	4	36	23	0.5	23	23.0	12960	28236	0	0	0.0	23.0	0.4
data4-10-36-10334.txt	10	4	36	25	1.8	25	25.0	12960	28440	1	0	0.0	23.0	0.6
data4-10-36-10335.txt	10	4	36	19	0.5	19	19.0	12960	28048	0	0	0.0	19.0	0.3
data4-10-36-10336.txt	10	4	36	19	0.6	19	19.0	12960	28115	0	0	0.0	19.0	0.3
data4-10-36-10337.txt	10	4	36	17	0.4	17	17.0	12960	28058	0	0	0.0	17.0	0.3
data4-10-36-10338.txt	10	4	36	22	0.6	22	22.0	12960	28175	0	0	0.0	22.0	0.4
data4-10-36-10339.txt	10	4	36	18	0.4	18	18.0	12960	27870	0	0	0.0	18.0	0.3
data4-10-36-10340.txt	10	4	36	19	0.7	19	19.0	12960	27941	1	3	0.0	17.0	0.3
data4-10-36-10341.txt	10	4	36	19	0.6	19	19.0	12960	28111	0	0	0.0	18.5	0.4
data4-10-36-10342.txt	10	4	36	19	0.6	19	19.0	12960	28241	0	0	0.0	19.0	0.4
data4-10-36-10343.txt	10	4	36	18	0.4	18	18.0	12960	27850	0	0	0.0	17.5	0.3
data4-10-36-10344.txt	10	4	36	21	0.7	21	21.0	12960	28301	0	0	0.0	20.2	0.4
data4-10-36-10345.txt	10	4	36	19	0.5	19	19.0	12960	28341	0	0	0.0	18.5	0.3
data4-10-36-10346.txt	10	4	36	15	0.4	15	15.0	12960	27900	0	1	0.0	14.0	0.3
data4-10-36-10347.txt	10	4	36	21	1.1	21	21.0	12960	28638	0	0	0.0	20.0	0.4
data4-10-36-10348.txt	10	4	36	18	0.6	18	18.0	12960	28087	1	9	0.0	17.0	0.3
data4-10-36-10349.txt	10	4	36	17	0.5	17	17.0	12960	28017	0	0	0.0	17.0	0.3
data4-10-36-10350.txt	10	4	36	21	0.6	21	21.0	12960	28391	0	0	0.0	21.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-10-36-10351.txt	10	4	36	20	0.5	20	20.0	12960	28010	0	0	0.0	19.5	0.3
data4-10-36-10352.txt	10	4	36	20	0.6	20	20.0	12960	27970	0	0	0.0	19.0	0.3
data4-10-36-10353.txt	10	4	36	13	0.4	13	13.0	12960	27981	0	0	0.0	13.0	0.3
data4-10-36-10354.txt	10	4	36	18	0.4	18	18.0	12960	27833	0	0	0.0	18.0	0.3
data4-10-36-10355.txt	10	4	36	16	0.5	16	16.0	12960	28054	0	0	0.0	16.0	0.3
data4-10-36-10356.txt	10	4	36	22	0.6	22	22.0	12960	28306	0	0	0.0	22.0	0.4
data4-10-36-10357.txt	10	4	36	21	0.7	21	21.0	12960	28148	0	0	0.0	21.0	0.4
data4-10-36-10358.txt	10	4	36	18	0.7	18	18.0	12960	28110	0	0	0.0	18.0	0.4
data4-10-36-10359.txt	10	4	36	15	0.5	15	15.0	12960	27901	0	0	0.0	14.0	0.3
data4-10-36-10360.txt	10	4	36	16	0.4	16	16.0	12960	27715	0	0	0.0	16.0	0.3
data4-10-36-10361.txt	10	4	36	22	0.8	22	22.0	12960	28470	0	0	0.0	20.5	0.4
data4-10-36-10362.txt	10	4	36	20	0.5	20	20.0	12960	28188	0	0	0.0	19.3	0.3
data4-10-36-10363.txt	10	4	36	15	0.4	15	15.0	12960	27895	0	0	0.0	15.0	0.3
data4-10-36-10364.txt	10	4	36	19	0.6	19	19.0	12960	28203	0	0	0.0	19.0	0.4
data4-10-36-10365.txt	10	4	36	17	0.5	17	17.0	12960	28143	0	0	0.0	17.0	0.3
data4-10-36-10366.txt	10	4	36	15	0.4	15	15.0	12960	27802	0	0	0.0	15.0	0.3
data4-10-36-10367.txt	10	4	36	20	0.5	20	20.0	12960	28205	0	0	0.0	20.0	0.4
data4-10-36-10368.txt	10	4	36	19	0.6	19	19.0	12960	28427	0	0	0.0	18.5	0.4
data4-10-36-10369.txt	10	4	36	23	0.8	23	23.0	12960	28441	0	0	0.0	23.0	0.6
data4-10-36-10370.txt	10	4	36	20	0.6	20	20.0	12960	28457	0	0	0.0	19.3	0.4
data4-10-36-10371.txt	10	4	36	19	1.0	19	19.0	12960	28348	1	2	0.0	18.0	0.4
data4-10-36-10372.txt	10	4	36	19	0.5	19	19.0	12960	27921	0	0	0.0	19.0	0.3
data4-10-36-10373.txt	10	4	36	13	0.4	13	13.0	12960	27913	0	0	0.0	13.0	0.3
data4-10-36-10374.txt	10	4	36	20	0.5	20	20.0	12960	28284	0	0	0.0	20.0	0.4
data4-10-36-10375.txt	10	4	36	18	0.6	18	18.0	12960	28214	0	0	0.0	18.0	0.3
data4-10-36-10376.txt	10	4	36	18	0.5	18	18.0	12960	28310	0	0	0.0	17.0	0.3
data4-10-36-10377.txt	10	4	36	17	0.6	17	17.0	12960	28171	0	0	0.0	17.0	0.3
data4-10-36-10378.txt	10	4	36	20	0.5	20	20.0	12960	28073	0	0	0.0	20.0	0.3
data4-10-36-10379.txt	10	4	36	25	2.6	25	25.0	12960	28350	198	12	0.0	23.0	0.5
data4-10-36-10380.txt	10	4	36	15	0.4	15	15.0	12960	28070	0	0	0.0	15.0	0.3
data4-10-36-10381.txt	10	4	36	20	0.6	20	20.0	12960	28199	0	0	0.0	20.0	0.4
data4-10-36-10382.txt	10	4	36	13	0.3	13	13.0	12960	27479	0	0	0.0	13.0	0.3
data4-10-36-10383.txt	10	4	36	22	0.7	22	22.0	12960	28268	0	0	0.0	20.5	0.4
data4-10-36-10384.txt	10	4	36	24	0.7	24	24.0	12960	28311	0	0	0.0	24.0	0.5
data4-10-36-10385.txt	10	4	36	21	0.7	21	21.0	12960	28314	0	0	0.0	20.0	0.4
data4-10-36-10386.txt	10	4	36	21	0.6	21	21.0	12960	28414	0	0	0.0	21.0	0.4
data4-10-36-10387.txt	10	4	36	17	0.4	17	17.0	12960	27921	0	0	0.0	17.0	0.3
data4-10-36-10388.txt	10	4	36	15	0.5	15	15.0	12960	28326	0	0	0.0	14.5	0.3
data4-10-36-10389.txt	10	4	36	19	0.6	19	19.0	12960	28227	0	0	0.0	19.0	0.4
data4-10-36-10390.txt	10	4	36	16	0.5	16	16.0	12960	28037	0	0	0.0	16.0	0.3
data4-10-36-10391.txt	10	4	36	18	0.6	18	18.0	12960	28383	0	0	0.0	18.0	0.3
data4-10-36-10392.txt	10	4	36	23	1.1	23	23.0	12960	28295	1	4	0.0	21.0	0.4
data4-10-36-10393.txt	10	4	36	24	7.5	24	24.0	12960	28350	1113	0	0.0	22.0	0.7
data4-10-36-10394.txt	10	4	36	25	1.5	25	25.0	12960	28257	1	1	0.0	23.0	0.5
data4-10-36-10395.txt	10	4	36	23	0.6	23	23.0	12960	28146	0	0	0.0	23.0	0.4
data4-10-36-10396.txt	10	4	36	21	0.9	21	21.0	12960	28534	0	0	0.0	20.0	0.5
data4-10-36-10397.txt	10	4	36	18	0.5	18	18.0	12960	28126	0	0	0.0	17.5	0.3
data4-10-36-10398.txt	10	4	36	19	0.6	19	19.0	12960	28262	0	0	0.0	19.0	0.4
data4-10-36-10399.txt	10	4	36	19	0.5	19	19.0	12960	27975	0	0	0.0	19.0	0.3
data4-10-36-10400.txt	10	4	36	16	0.5	16	16.0	12960	27918	0	0	0.0	16.0	0.3
data4-10-37-10401.txt	10	4	37	19	0.4	19	19.0	13690	29349	0	0	0.0	19.0	0.3
data4-10-37-10402.txt	10	4	37	24	0.5	24	24.0	13690	29820	0	0	0.0	24.0	0.4
data4-10-37-10403.txt	10	4	37	25	0.8	25	25.0	13690	30316	0	0	0.0	24.5	0.5
data4-10-37-10404.txt	10	4	37	18	0.6	18	18.0	13690	29816	0	5	0.0	17.0	0.3
data4-10-37-10405.txt	10	4	37	19	0.5	19	19.0	13690	29649	0	0	0.0	19.0	0.4
data4-10-37-10406.txt	10	4	37	20	0.7	20	20.0	13690	30017	0	0	0.0	20.0	0.4
data4-10-37-10407.txt	10	4	37	22	1.1	22	22.0	13690	29856	1	0	0.0	20.5	0.5
data4-10-37-10408.txt	10	4	37	23	0.5	23	23.0	13690	29518	1	1	0.0	21.0	0.3
data4-10-37-10409.txt	10	4	37	22	0.7	22	22.0	13690	30113	0	0	0.0	22.0	0.4
data4-10-37-10410.txt	10	4	37	19	0.5	19	19.0	13690	29436	0	0	0.0	19.0	0.3
data4-10-37-10411.txt	10	4	37	21	0.6	21	21.0	13690	29905	0	0	0.0	21.0	0.4
data4-10-37-10412.txt	10	4	37	10	0.3	10	10.0	13690	28946	0	0	0.0	10.0	0.3
data4-10-37-10413.txt	10	4	37	23	0.6	23	23.0	13690	29931	0	0	0.0	23.0	0.4
data4-10-37-10414.txt	10	4	37	25	1.0	25	25.0	13690	29869	0	0	0.0	24.0	0.5
data4-10-37-10415.txt	10	4	37	19	0.5	19	19.0	13690	29698	0	0	0.0	19.0	0.3
data4-10-37-10416.txt	10	4	37	19	0.6	19	19.0	13690	29816	0	0	0.0	19.0	0.4
data4-10-37-10417.txt	10	4	37	22	1.8	22	22.0	13690	29963	1	1	0.0	18.5	0.4
data4-10-37-10418.txt	10	4	37	16	0.5	16	16.0	13690	29567	0	0	0.0	16.0	0.3
data4-10-37-10419.txt	10	4	37	17	0.5	17	17.0	13690	29660	0	0	0.0	17.0	0.3
data4-10-37-10420.txt	10	4	37	15	0.4	15	15.0	13690	29373	0	0	0.0	15.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-10-37-10421.txt	10	4	37	19	0.5	19	19.0	13690	29738	0	0	0.0	19.0	0.4
data4-10-37-10422.txt	10	4	37	19	0.5	19	19.0	13690	29631	0	0	0.0	19.0	0.3
data4-10-37-10423.txt	10	4	37	23	0.9	23	23.0	13690	30125	0	0	0.0	23.0	0.5
data4-10-37-10424.txt	10	4	37	26	1.2	26	26.0	13690	30177	1	1	0.0	23.8	0.5
data4-10-37-10425.txt	10	4	37	20	0.6	20	20.0	13690	29792	0	0	0.0	19.3	0.4
data4-10-37-10426.txt	10	4	37	15	0.3	15	15.0	13690	28975	0	0	0.0	15.0	0.3
data4-10-37-10427.txt	10	4	37	19	0.6	19	19.0	13690	29877	0	0	0.0	19.0	0.4
data4-10-37-10428.txt	10	4	37	19	0.7	19	19.0	13690	30101	0	0	0.0	19.0	0.4
data4-10-37-10429.txt	10	4	37	23	0.6	23	23.0	13690	29907	0	3	0.0	22.0	0.4
data4-10-37-10430.txt	10	4	37	20	0.6	20	20.0	13690	29732	0	0	0.0	20.0	0.4
data4-10-37-10431.txt	10	4	37	18	0.7	18	18.0	13690	30132	0	0	0.0	18.0	0.5
data4-10-37-10432.txt	10	4	37	20	0.5	20	20.0	13690	29493	0	0	0.0	20.0	0.3
data4-10-37-10433.txt	10	4	37	21	0.7	21	21.0	13690	29747	0	0	0.0	21.0	0.5
data4-10-37-10434.txt	10	4	37	23	0.6	23	23.0	13690	29760	0	0	0.0	23.0	0.4
data4-10-37-10435.txt	10	4	37	22	0.8	22	22.0	13690	29924	0	0	0.0	22.0	0.5
data4-10-37-10436.txt	10	4	37	22	0.7	22	22.0	13690	30049	0	0	0.0	22.0	0.5
data4-10-37-10437.txt	10	4	37	18	0.6	18	18.0	13690	29791	0	0	0.0	18.0	0.3
data4-10-37-10438.txt	10	4	37	20	0.6	20	20.0	13690	29659	0	0	0.0	19.5	0.4
data4-10-37-10439.txt	10	4	37	21	0.6	21	21.0	13690	29711	0	0	0.0	21.0	0.4
data4-10-37-10440.txt	10	4	37	21	0.6	21	21.0	13690	29808	0	0	0.0	21.0	0.4
data4-10-37-10441.txt	10	4	37	19	0.6	19	19.0	13690	29962	0	0	0.0	19.0	0.4
data4-10-37-10442.txt	10	4	37	21	0.5	21	21.0	13690	29750	0	0	0.0	21.0	0.3
data4-10-37-10443.txt	10	4	37	20	0.5	20	20.0	13690	29577	0	0	0.0	20.0	0.3
data4-10-37-10444.txt	10	4	37	17	0.5	17	17.0	13690	29550	0	0	0.0	17.0	0.3
data4-10-37-10445.txt	10	4	37	24	1.2	24	24.0	13690	30237	1	7	0.0	22.5	0.6
data4-10-37-10446.txt	10	4	37	14	0.4	14	14.0	13690	29385	0	0	0.0	14.0	0.3
data4-10-37-10447.txt	10	4	37	18	0.5	18	18.0	13690	30017	0	0	0.0	18.0	0.4
data4-10-37-10448.txt	10	4	37	21	0.7	21	21.0	13690	29839	0	0	0.0	20.5	0.4
data4-10-37-10449.txt	10	4	37	19	0.6	19	19.0	13690	29813	0	0	0.0	19.0	0.4
data4-10-37-10450.txt	10	4	37	19	0.5	19	19.0	13690	29763	0	0	0.0	18.5	0.3
data4-10-37-10451.txt	10	4	37	23	0.7	23	23.0	13690	30237	0	0	0.0	23.0	0.5
data4-10-37-10452.txt	10	4	37	17	0.7	17	17.0	13690	29891	0	0	0.0	17.0	0.4
data4-10-37-10453.txt	10	4	37	20	0.6	20	20.0	13690	29805	0	0	0.0	20.0	0.4
data4-10-37-10454.txt	10	4	37	25	0.9	25	25.0	13690	29851	1	1	0.0	23.0	0.4
data4-10-37-10455.txt	10	4	37	20	0.6	20	20.0	13690	29644	0	0	0.0	19.0	0.4
data4-10-37-10456.txt	10	4	37	16	0.5	16	16.0	13690	29506	0	0	0.0	15.5	0.3
data4-10-37-10457.txt	10	4	37	15	0.5	15	15.0	13690	29832	0	0	0.0	14.3	0.3
data4-10-37-10458.txt	10	4	37	18	0.6	18	18.0	13690	29946	0	0	0.0	18.0	0.4
data4-10-37-10459.txt	10	4	37	22	0.7	22	22.0	13690	29682	0	0	0.0	21.5	0.4
data4-10-37-10460.txt	10	4	37	14	0.4	14	14.0	13690	29572	0	0	0.0	14.0	0.3
data4-10-37-10461.txt	10	4	37	23	0.6	23	23.0	13690	29770	0	0	0.0	23.0	0.4
data4-10-37-10462.txt	10	4	37	16	0.4	16	16.0	13690	29448	0	0	0.0	16.0	0.3
data4-10-37-10463.txt	10	4	37	21	0.8	21	21.0	13690	29638	0	0	0.0	21.0	0.5
data4-10-37-10464.txt	10	4	37	18	0.5	18	18.0	13690	29650	0	0	0.0	18.0	0.3
data4-10-37-10465.txt	10	4	37	17	0.6	17	17.0	13690	29637	0	0	0.0	17.0	0.3
data4-10-37-10466.txt	10	4	37	21	0.6	21	21.0	13690	29905	0	0	0.0	19.7	0.4
data4-10-37-10467.txt	10	4	37	22	0.8	22	22.0	13690	29840	0	0	0.0	22.0	0.6
data4-10-37-10468.txt	10	4	37	23	0.8	23	23.0	13690	29785	0	0	0.0	23.0	0.5
data4-10-37-10469.txt	10	4	37	14	0.4	14	14.0	13690	29145	0	0	0.0	14.0	0.3
data4-10-37-10470.txt	10	4	37	20	0.5	20	20.0	13690	29606	0	0	0.0	19.5	0.3
data4-10-37-10471.txt	10	4	37	23	0.7	23	23.0	13690	30079	0	0	0.0	23.0	0.5
data4-10-37-10472.txt	10	4	37	23	0.9	23	23.0	13690	29606	1	0	0.0	21.0	0.4
data4-10-37-10473.txt	10	4	37	19	0.5	19	19.0	13690	29545	0	0	0.0	19.0	0.3
data4-10-37-10474.txt	10	4	37	24	0.9	24	24.0	13690	30239	0	10	0.0	23.0	0.5
data4-10-37-10475.txt	10	4	37	21	0.7	21	21.0	13690	29857	0	0	0.0	21.0	0.5
data4-10-37-10476.txt	10	4	37	23	0.6	23	23.0	13690	29971	0	0	0.0	23.0	0.4
data4-10-37-10477.txt	10	4	37	14	0.4	14	14.0	13690	29208	0	0	0.0	14.0	0.3
data4-10-37-10478.txt	10	4	37	21	0.6	21	21.0	13690	30017	0	0	0.0	21.0	0.4
data4-10-37-10479.txt	10	4	37	20	0.6	20	20.0	13690	29716	0	0	0.0	20.0	0.4
data4-10-37-10480.txt	10	4	37	20	0.5	20	20.0	13690	29613	0	0	0.0	20.0	0.3
data4-10-37-10481.txt	10	4	37	21	0.4	21	21.0	13690	29627	0	0	0.0	21.0	0.3
data4-10-37-10482.txt	10	4	37	20	0.6	20	20.0	13690	29630	0	0	0.0	20.0	0.4
data4-10-37-10483.txt	10	4	37	21	0.4	21	21.0	13690	29495	0	0	0.0	21.0	0.3
data4-10-37-10484.txt	10	4	37	26	1.4	26	26.0	13690	30094	1	1	0.0	23.5	0.6
data4-10-37-10485.txt	10	4	37	19	0.6	19	19.0	13690	30017	0	0	0.0	19.0	0.4
data4-10-37-10486.txt	10	4	37	18	0.5	18	18.0	13690	29554	0	2	0.0	17.0	0.3
data4-10-37-10487.txt	10	4	37	21	0.6	21	21.0	13690	30000	0	0	0.0	20.0	0.4
data4-10-37-10488.txt	10	4	37	17	0.5	17	17.0	13690	29492	0	0	0.0	17.0	0.4
data4-10-37-10489.txt	10	4	37	20	0.7	20	20.0	13690	29660	0	0	0.0	20.0	0.4
data4-10-37-10490.txt	10	4	37	17	0.5	17	17.0	13690	29692	0	0	0.0	17.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-10-37-10491.txt	10	4	37	26	1.4	26	26.0	13690	29924	7	0	0.0	23.5	0.5
data4-10-37-10492.txt	10	4	37	25	1.1	25	25.0	13690	30142	1	7	0.0	23.5	0.5
data4-10-37-10493.txt	10	4	37	21	0.6	21	21.0	13690	29772	0	0	0.0	21.0	0.4
data4-10-37-10494.txt	10	4	37	20	0.6	20	20.0	13690	29848	0	0	0.0	20.0	0.4
data4-10-37-10495.txt	10	4	37	18	0.5	18	18.0	13690	29787	0	0	0.0	17.5	0.4
data4-10-37-10496.txt	10	4	37	17	0.5	17	17.0	13690	29774	0	0	0.0	16.5	0.3
data4-10-37-10497.txt	10	4	37	17	0.4	17	17.0	13690	29301	0	0	0.0	17.0	0.3
data4-10-37-10498.txt	10	4	37	27	1.0	27	27.0	13690	30144	0	0	0.0	27.0	0.6
data4-10-37-10499.txt	10	4	37	23	0.7	23	23.0	13690	29854	0	0	0.0	22.3	0.4
data4-10-37-10500.txt	10	4	37	20	0.5	20	20.0	13690	29775	0	0	0.0	20.0	0.3
data4-10-38-10501.txt	10	4	38	23	0.6	23	23.0	14440	31386	0	0	0.0	23.0	0.4
data4-10-38-10502.txt	10	4	38	24	0.7	24	24.0	14440	31479	0	0	0.0	24.0	0.4
data4-10-38-10503.txt	10	4	38	20	0.5	20	20.0	14440	31128	0	0	0.0	19.5	0.3
data4-10-38-10504.txt	10	4	38	24	0.7	24	24.0	14440	31449	0	0	0.0	24.0	0.5
data4-10-38-10505.txt	10	4	38	19	0.5	19	19.0	14440	31364	0	0	0.0	19.0	0.3
data4-10-38-10506.txt	10	4	38	20	0.4	20	20.0	14440	31305	0	0	0.0	19.3	0.3
data4-10-38-10507.txt	10	4	38	23	0.7	23	23.0	14440	31536	0	0	0.0	23.0	0.5
data4-10-38-10508.txt	10	4	38	28	1.0	28	28.0	14440	31734	0	0	0.0	28.0	0.7
data4-10-38-10509.txt	10	4	38	22	0.8	22	22.0	14440	31748	0	0	0.0	22.0	0.5
data4-10-38-10510.txt	10	4	38	30	0.9	30	30.0	14440	31715	0	0	0.0	30.0	0.6
data4-10-38-10511.txt	10	4	38	21	0.7	21	21.0	14440	31247	0	1	0.0	20.0	0.4
data4-10-38-10512.txt	10	4	38	19	0.5	19	19.0	14440	31109	0	0	0.0	19.0	0.3
data4-10-38-10513.txt	10	4	38	24	0.6	24	24.0	14440	31440	0	0	0.0	23.2	0.4
data4-10-38-10514.txt	10	4	38	19	0.6	19	19.0	14440	31017	0	0	0.0	19.0	0.4
data4-10-38-10515.txt	10	4	38	18	0.5	18	18.0	14440	31058	0	0	0.0	18.0	0.3
data4-10-38-10516.txt	10	4	38	25	0.6	25	25.0	14440	31346	0	1	0.0	24.0	0.4
data4-10-38-10517.txt	10	4	38	21	0.6	21	21.0	14440	31565	0	0	0.0	21.0	0.4
data4-10-38-10518.txt	10	4	38	21	0.7	21	21.0	14440	31194	0	0	0.0	20.0	0.4
data4-10-38-10519.txt	10	4	38	19	0.6	19	19.0	14440	31737	0	0	0.0	19.0	0.4
data4-10-38-10520.txt	10	4	38	18	0.5	18	18.0	14440	31476	0	0	0.0	18.0	0.3
data4-10-38-10521.txt	10	4	38	10	0.3	10	10.0	14440	30607	0	0	0.0	10.0	0.3
data4-10-38-10522.txt	10	4	38	20	0.4	20	20.0	14440	31081	0	1	0.0	19.0	0.3
data4-10-38-10523.txt	10	4	38	24	1.1	24	24.0	14440	31439	1	3	0.0	22.5	0.5
data4-10-38-10524.txt	10	4	38	22	0.6	22	22.0	14440	31694	0	0	0.0	22.0	0.5
data4-10-38-10525.txt	10	4	38	16	0.4	16	16.0	14440	31150	0	0	0.0	16.0	0.3
data4-10-38-10526.txt	10	4	38	26	0.6	26	26.0	14440	31527	0	0	0.0	25.5	0.4
data4-10-38-10527.txt	10	4	38	20	0.8	20	20.0	14440	31580	0	0	0.0	20.0	0.5
data4-10-38-10528.txt	10	4	38	20	0.5	20	20.0	14440	31190	0	0	0.0	20.0	0.3
data4-10-38-10529.txt	10	4	38	26	2.0	26	26.0	14440	31518	1	7	0.0	23.0	0.5
data4-10-38-10530.txt	10	4	38	19	0.6	19	19.0	14440	31121	0	1	0.0	18.0	0.3
data4-10-38-10531.txt	10	4	38	22	0.8	22	22.0	14440	31534	0	0	0.0	21.0	0.5
data4-10-38-10532.txt	10	4	38	19	0.6	19	19.0	14440	31181	0	0	0.0	17.5	0.4
data4-10-38-10533.txt	10	4	38	19	0.5	19	19.0	14440	31106	0	0	0.0	19.0	0.3
data4-10-38-10534.txt	10	4	38	22	0.5	22	22.0	14440	31021	0	2	0.0	21.0	0.3
data4-10-38-10535.txt	10	4	38	19	0.5	19	19.0	14440	31261	0	0	0.0	19.0	0.4
data4-10-38-10536.txt	10	4	38	18	0.6	18	18.0	14440	31439	0	0	0.0	18.0	0.4
data4-10-38-10537.txt	10	4	38	23	0.6	23	23.0	14440	31460	0	1	0.0	22.0	0.4
data4-10-38-10538.txt	10	4	38	21	0.5	21	21.0	14440	31354	0	0	0.0	20.5	0.3
data4-10-38-10539.txt	10	4	38	19	0.5	19	19.0	14440	31196	0	0	0.0	19.0	0.3
data4-10-38-10540.txt	10	4	38	27	1.1	27	27.0	14440	31615	0	0	0.0	26.0	0.7
data4-10-38-10541.txt	10	4	38	16	0.5	16	16.0	14440	31316	0	0	0.0	16.0	0.3
data4-10-38-10542.txt	10	4	38	18	0.6	18	18.0	14440	31399	0	0	0.0	17.0	0.4
data4-10-38-10543.txt	10	4	38	20	0.5	20	20.0	14440	31042	0	0	0.0	20.0	0.3
data4-10-38-10544.txt	10	4	38	21	0.6	21	21.0	14440	31447	0	5	0.0	20.0	0.5
data4-10-38-10545.txt	10	4	38	22	0.6	22	22.0	14440	31414	0	0	0.0	22.0	0.4
data4-10-38-10546.txt	10	4	38	15	0.5	15	15.0	14440	31083	0	0	0.0	15.0	0.3
data4-10-38-10547.txt	10	4	38	26	0.8	26	26.0	14440	31705	0	0	0.0	26.0	0.5
data4-10-38-10548.txt	10	4	38	22	0.6	22	22.0	14440	31117	0	0	0.0	21.0	0.3
data4-10-38-10549.txt	10	4	38	14	0.4	14	14.0	14440	30870	0	0	0.0	14.0	0.3
data4-10-38-10550.txt	10	4	38	26	0.9	26	26.0	14440	31661	0	0	0.0	26.0	0.5
data4-10-38-10551.txt	10	4	38	22	0.7	22	22.0	14440	31601	0	4	0.0	21.0	0.5
data4-10-38-10552.txt	10	4	38	21	0.5	21	21.0	14440	31152	0	2	0.0	20.0	0.3
data4-10-38-10553.txt	10	4	38	30	5.6	30	30.0	14440	31906	298	0	0.0	27.0	0.7
data4-10-38-10554.txt	10	4	38	15	0.4	15	15.0	14440	30979	0	0	0.0	15.0	0.3
data4-10-38-10555.txt	10	4	38	25	0.8	25	25.0	14440	31591	0	1	0.0	24.0	0.6
data4-10-38-10556.txt	10	4	38	23	1.3	23	23.0	14440	31611	1	0	0.0	21.0	0.4
data4-10-38-10557.txt	10	4	38	18	0.5	18	18.0	14440	31145	0	0	0.0	18.0	0.3
data4-10-38-10558.txt	10	4	38	20	0.5	20	20.0	14440	31239	0	2	0.0	19.0	0.4
data4-10-38-10559.txt	10	4	38	20	0.6	20	20.0	14440	31459	0	0	0.0	20.0	0.4
data4-10-38-10560.txt	10	4	38	28	1.4	28	28.0	14440	31522	1	6	0.0	26.0	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-10-38-10561.txt	10	4	38	22	0.6	22	22.0	14440	31524	0	0	0.0	22.0	0.4
data4-10-38-10562.txt	10	4	38	24	0.6	24	24.0	14440	31206	0	0	0.0	24.0	0.4
data4-10-38-10563.txt	10	4	38	21	0.7	21	21.0	14440	31598	0	3	0.0	20.0	0.5
data4-10-38-10564.txt	10	4	38	20	0.7	20	20.0	14440	31427	0	0	0.0	19.0	0.4
data4-10-38-10565.txt	10	4	38	22	0.6	22	22.0	14440	30974	0	0	0.0	22.0	0.4
data4-10-38-10566.txt	10	4	38	25	0.8	25	25.0	14440	31730	0	0	0.0	25.0	0.5
data4-10-38-10567.txt	10	4	38	24	0.6	24	24.0	14440	31452	0	0	0.0	24.0	0.4
data4-10-38-10568.txt	10	4	38	19	0.5	19	19.0	14440	31186	0	0	0.0	19.0	0.3
data4-10-38-10569.txt	10	4	38	24	0.7	24	24.0	14440	31399	0	0	0.0	24.0	0.5
data4-10-38-10570.txt	10	4	38	15	0.6	15	15.0	14440	30963	0	0	0.0	14.0	0.3
data4-10-38-10571.txt	10	4	38	19	0.5	19	19.0	14440	31144	0	0	0.0	18.5	0.3
data4-10-38-10572.txt	10	4	38	28	1.0	28	28.0	14440	31617	0	0	0.0	27.5	0.8
data4-10-38-10573.txt	10	4	38	17	0.5	17	17.0	14440	31631	0	0	0.0	16.0	0.3
data4-10-38-10574.txt	10	4	38	27	1.6	27	27.0	14440	31847	1	29	0.0	25.2	0.7
data4-10-38-10575.txt	10	4	38	23	0.7	23	23.0	14440	31297	0	0	0.0	23.0	0.5
data4-10-38-10576.txt	10	4	38	14	0.4	14	14.0	14440	31026	0	0	0.0	14.0	0.3
data4-10-38-10577.txt	10	4	38	21	0.5	21	21.0	14440	31418	0	0	0.0	21.0	0.3
data4-10-38-10578.txt	10	4	38	21	0.6	21	21.0	14440	30943	0	0	0.0	21.0	0.4
data4-10-38-10579.txt	10	4	38	18	0.4	18	18.0	14440	31008	0	0	0.0	18.0	0.3
data4-10-38-10580.txt	10	4	38	25	0.8	25	25.0	14440	31595	0	0	0.0	25.0	0.5
data4-10-38-10581.txt	10	4	38	21	0.6	21	21.0	14440	31549	0	0	0.0	21.0	0.4
data4-10-38-10582.txt	10	4	38	18	0.4	18	18.0	14440	31383	0	0	0.0	18.0	0.3
data4-10-38-10583.txt	10	4	38	20	0.6	20	20.0	14440	31239	0	0	0.0	20.0	0.4
data4-10-38-10584.txt	10	4	38	22	0.6	22	22.0	14440	31539	0	0	0.0	22.0	0.4
data4-10-38-10585.txt	10	4	38	23	0.7	23	23.0	14440	31470	0	0	0.0	21.5	0.4
data4-10-38-10586.txt	10	4	38	23	0.6	23	23.0	14440	31424	0	0	0.0	23.0	0.4
data4-10-38-10587.txt	10	4	38	21	0.6	21	21.0	14440	31319	0	0	0.0	21.0	0.4
data4-10-38-10588.txt	10	4	38	17	0.5	17	17.0	14440	31168	0	0	0.0	17.0	0.3
data4-10-38-10589.txt	10	4	38	16	0.5	16	16.0	14440	31172	0	0	0.0	16.0	0.3
data4-10-38-10590.txt	10	4	38	21	0.6	21	21.0	14440	31283	0	0	0.0	21.0	0.4
data4-10-38-10591.txt	10	4	38	23	0.7	23	23.0	14440	31879	0	0	0.0	23.0	0.5
data4-10-38-10592.txt	10	4	38	25	0.6	25	25.0	14440	31370	0	0	0.0	25.0	0.4
data4-10-38-10593.txt	10	4	38	25	0.8	25	25.0	14440	31530	0	0	0.0	25.0	0.5
data4-10-38-10594.txt	10	4	38	26	0.7	26	26.0	14440	31533	0	0	0.0	25.5	0.4
data4-10-38-10595.txt	10	4	38	19	0.7	19	19.0	14440	31585	0	0	0.0	18.5	0.4
data4-10-38-10596.txt	10	4	38	17	0.5	17	17.0	14440	31366	0	0	0.0	17.0	0.3
data4-10-38-10597.txt	10	4	38	24	0.9	24	24.0	14440	31481	1	4	0.0	23.0	0.5
data4-10-38-10598.txt	10	4	38	22	0.7	22	22.0	14440	31310	0	0	0.0	22.0	0.4
data4-10-38-10599.txt	10	4	38	20	0.6	20	20.0	14440	31178	1	4	0.0	19.0	0.4
data4-10-38-10600.txt	10	4	38	23	0.9	23	23.0	14440	31802	0	0	0.0	22.3	0.5
data4-10-39-10601.txt	10	4	39	18	0.5	18	18.0	15210	32760	0	0	0.0	18.0	0.4
data4-10-39-10602.txt	10	4	39	24	0.6	24	24.0	15210	33141	0	0	0.0	23.2	0.4
data4-10-39-10603.txt	10	4	39	24	0.8	24	24.0	15210	33175	0	4	0.0	23.0	0.5
data4-10-39-10604.txt	10	4	39	23	0.6	23	23.0	15210	32950	0	0	0.0	23.0	0.5
data4-10-39-10605.txt	10	4	39	27	1.2	27	27.0	15210	33295	0	0	0.0	26.0	0.7
data4-10-39-10606.txt	10	4	39	24	0.6	24	24.0	15210	32909	0	0	0.0	23.5	0.4
data4-10-39-10607.txt	10	4	39	19	0.5	19	19.0	15210	32777	0	0	0.0	19.0	0.3
data4-10-39-10608.txt	10	4	39	22	0.6	22	22.0	15210	33012	0	0	0.0	22.0	0.4
data4-10-39-10609.txt	10	4	39	27	0.8	27	27.0	15210	33451	0	0	0.0	26.5	0.6
data4-10-39-10610.txt	10	4	39	18	0.5	18	18.0	15210	32823	0	3	0.0	17.0	0.3
data4-10-39-10611.txt	10	4	39	22	1.0	22	22.0	15210	33145	0	0	0.0	22.0	0.7
data4-10-39-10612.txt	10	4	39	27	1.6	27	27.0	15210	33387	1	0	0.0	25.0	0.7
data4-10-39-10613.txt	10	4	39	17	0.6	17	17.0	15210	33228	0	0	0.0	17.0	0.4
data4-10-39-10614.txt	10	4	39	22	0.5	22	22.0	15210	32637	0	0	0.0	22.0	0.3
data4-10-39-10615.txt	10	4	39	21	0.8	21	21.0	15210	33089	0	0	0.0	21.0	0.5
data4-10-39-10616.txt	10	4	39	18	0.5	18	18.0	15210	32967	0	0	0.0	18.0	0.4
data4-10-39-10617.txt	10	4	39	24	0.6	24	24.0	15210	33245	0	0	0.0	24.0	0.4
data4-10-39-10618.txt	10	4	39	26	0.6	26	26.0	15210	33187	0	0	0.0	26.0	0.4
data4-10-39-10619.txt	10	4	39	22	0.5	22	22.0	15210	32617	0	0	0.0	22.0	0.4
data4-10-39-10620.txt	10	4	39	28	0.5	28	28.0	15210	33000	0	2	0.0	26.0	0.3
data4-10-39-10621.txt	10	4	39	17	0.5	17	17.0	15210	32530	0	0	0.0	17.0	0.3
data4-10-39-10622.txt	10	4	39	23	0.7	23	23.0	15210	33343	0	0	0.0	22.0	0.4
data4-10-39-10623.txt	10	4	39	23	0.6	23	23.0	15210	32948	0	0	0.0	22.5	0.4
data4-10-39-10624.txt	10	4	39	21	0.5	21	21.0	15210	32888	1	2	0.0	20.0	0.3
data4-10-39-10625.txt	10	4	39	19	0.5	19	19.0	15210	32977	0	0	0.0	19.0	0.4
data4-10-39-10626.txt	10	4	39	14	0.4	14	14.0	15210	32636	0	0	0.0	14.0	0.3
data4-10-39-10627.txt	10	4	39	18	0.6	18	18.0	15210	32774	0	0	0.0	17.0	0.4
data4-10-39-10628.txt	10	4	39	28	1.0	28	28.0	15210	33339	1	4	0.0	25.2	0.4
data4-10-39-10629.txt	10	4	39	21	0.6	21	21.0	15210	32934	0	0	0.0	21.0	0.4
data4-10-39-10630.txt	10	4	39	20	0.8	20	20.0	15210	32749	1	0	0.0	18.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data4-10-39-10631.txt	10	4	39	19	0.5	19	19.0	15210	32875	0	0	0.0	19.0	0.3
data4-10-39-10632.txt	10	4	39	21	0.7	21	21.0	15210	32816	0	0	0.0	21.0	0.4
data4-10-39-10633.txt	10	4	39	26	0.8	26	26.0	15210	33109	0	0	0.0	25.2	0.5
data4-10-39-10634.txt	10	4	39	19	0.6	19	19.0	15210	32845	0	0	0.0	18.0	0.4
data4-10-39-10635.txt	10	4	39	22	0.8	22	22.0	15210	33154	0	0	0.0	21.0	0.4
data4-10-39-10636.txt	10	4	39	19	0.6	19	19.0	15210	32923	0	0	0.0	19.0	0.4
data4-10-39-10637.txt	10	4	39	23	0.6	23	23.0	15210	33107	0	0	0.0	23.0	0.4
data4-10-39-10638.txt	10	4	39	21	0.6	21	21.0	15210	33265	0	0	0.0	21.0	0.4
data4-10-39-10639.txt	10	4	39	21	0.6	21	21.0	15210	32835	1	0	0.0	19.5	0.3
data4-10-39-10640.txt	10	4	39	23	0.6	23	23.0	15210	32886	0	0	0.0	23.0	0.4
data4-10-39-10641.txt	10	4	39	23	0.9	23	23.0	15210	33264	0	0	0.0	23.0	0.6
data4-10-39-10642.txt	10	4	39	23	0.7	23	23.0	15210	33177	0	0	0.0	23.0	0.5
data4-10-39-10643.txt	10	4	39	24	0.6	24	24.0	15210	33211	0	0	0.0	23.5	0.4
data4-10-39-10644.txt	10	4	39	24	0.8	24	24.0	15210	33210	0	0	0.0	24.0	0.5
data4-10-39-10645.txt	10	4	39	20	0.5	20	20.0	15210	32866	0	0	0.0	20.0	0.3
data4-10-39-10646.txt	10	4	39	31	1.0	31	31.0	15210	33553	0	0	0.0	30.0	0.6
data4-10-39-10647.txt	10	4	39	24	0.7	24	24.0	15210	33204	0	0	0.0	24.0	0.4
data4-10-39-10648.txt	10	4	39	20	0.6	20	20.0	15210	33100	0	1	0.0	19.0	0.4
data4-10-39-10649.txt	10	4	39	18	0.6	18	18.0	15210	32827	0	0	0.0	18.0	0.3
data4-10-39-10650.txt	10	4	39	21	0.6	21	21.0	15210	33038	0	0	0.0	21.0	0.4
data4-10-39-10651.txt	10	4	39	23	0.9	23	23.0	15210	33167	1	7	0.0	22.0	0.5
data4-10-39-10652.txt	10	4	39	20	0.5	20	20.0	15210	32949	0	0	0.0	20.0	0.3
data4-10-39-10653.txt	10	4	39	20	0.5	20	20.0	15210	33099	0	0	0.0	20.0	0.3
data4-10-39-10654.txt	10	4	39	22	0.5	22	22.0	15210	32708	0	0	0.0	22.0	0.3
data4-10-39-10655.txt	10	4	39	21	0.5	21	21.0	15210	32621	0	0	0.0	21.0	0.3
data4-10-39-10656.txt	10	4	39	18	0.7	18	18.0	15210	33266	0	0	0.0	18.0	0.4
data4-10-39-10657.txt	10	4	39	23	0.6	23	23.0	15210	33271	0	0	0.0	23.0	0.4
data4-10-39-10658.txt	10	4	39	21	0.5	21	21.0	15210	33140	0	0	0.0	21.0	0.3
data4-10-39-10659.txt	10	4	39	23	0.5	23	23.0	15210	33163	0	0	0.0	23.0	0.4
data4-10-39-10660.txt	10	4	39	24	0.7	24	24.0	15210	33073	0	0	0.0	24.0	0.4
data4-10-39-10661.txt	10	4	39	25	1.2	25	25.0	15210	33458	0	0	0.0	24.0	0.6
data4-10-39-10662.txt	10	4	39	23	0.6	23	23.0	15210	32846	0	0	0.0	22.0	0.4
data4-10-39-10663.txt	10	4	39	23	0.6	23	23.0	15210	33254	0	0	0.0	21.2	0.4
data4-10-39-10664.txt	10	4	39	16	0.5	16	16.0	15210	32858	0	0	0.0	16.0	0.4
data4-10-39-10665.txt	10	4	39	20	0.6	20	20.0	15210	32867	0	0	0.0	20.0	0.4
data4-10-39-10666.txt	10	4	39	22	0.5	22	22.0	15210	32781	0	0	0.0	22.0	0.4
data4-10-39-10667.txt	10	4	39	19	0.6	19	19.0	15210	32967	0	0	0.0	18.3	0.3
data4-10-39-10668.txt	10	4	39	14	0.4	14	14.0	15210	32353	0	0	0.0	14.0	0.3
data4-10-39-10669.txt	10	4	39	22	1.5	22	22.0	15210	33313	1	0	0.0	20.5	0.7
data4-10-39-10670.txt	10	4	39	25	1.0	25	25.0	15210	33494	0	0	0.0	25.0	0.7
data4-10-39-10671.txt	10	4	39	26	0.9	26	26.0	15210	33211	0	0	0.0	26.0	0.6
data4-10-39-10672.txt	10	4	39	19	0.5	19	19.0	15210	32825	0	0	0.0	19.0	0.4
data4-10-39-10673.txt	10	4	39	19	0.6	19	19.0	15210	32920	0	0	0.0	19.0	0.4
data4-10-39-10674.txt	10	4	39	24	0.5	24	24.0	15210	32818	0	0	0.0	24.0	0.4
data4-10-39-10675.txt	10	4	39	26	0.9	26	26.0	15210	32993	0	0	0.0	26.0	0.5
data4-10-39-10676.txt	10	4	39	29	1.4	29	29.0	15210	33168	21	9	0.0	26.0	0.4
data4-10-39-10677.txt	10	4	39	21	0.7	21	21.0	15210	33078	0	0	0.0	21.0	0.4
data4-10-39-10678.txt	10	4	39	13	0.4	13	13.0	15210	32486	0	0	0.0	13.0	0.3
data4-10-39-10679.txt	10	4	39	28	0.9	28	28.0	15210	33260	0	2	0.0	26.5	0.4
data4-10-39-10680.txt	10	4	39	22	0.7	22	22.0	15210	32843	0	0	0.0	22.0	0.4
data4-10-39-10681.txt	10	4	39	21	0.6	21	21.0	15210	32896	0	0	0.0	20.5	0.4
data4-10-39-10682.txt	10	4	39	15	0.4	15	15.0	15210	32729	0	0	0.0	15.0	0.3
data4-10-39-10683.txt	10	4	39	19	0.5	19	19.0	15210	32536	0	0	0.0	19.0	0.3
data4-10-39-10684.txt	10	4	39	18	0.5	18	18.0	15210	32621	0	0	0.0	18.0	0.3
data4-10-39-10685.txt	10	4	39	24	0.8	24	24.0	15210	33261	0	0	0.0	24.0	0.5
data4-10-39-10686.txt	10	4	39	20	0.5	20	20.0	15210	32810	0	0	0.0	20.0	0.3
data4-10-39-10687.txt	10	4	39	24	0.7	24	24.0	15210	32979	0	0	0.0	24.0	0.5
data4-10-39-10688.txt	10	4	39	27	0.7	27	27.0	15210	33208	0	0	0.0	26.5	0.5
data4-10-39-10689.txt	10	4	39	20	0.5	20	20.0	15210	32946	0	0	0.0	20.0	0.3
data4-10-39-10690.txt	10	4	39	24	0.7	24	24.0	15210	33225	0	0	0.0	24.0	0.5
data4-10-39-10691.txt	10	4	39	27	1.6	27	27.0	15210	33323	1	0	0.0	25.0	0.7
data4-10-39-10692.txt	10	4	39	26	0.5	26	26.0	15210	32919	0	0	0.0	26.0	0.4
data4-10-39-10693.txt	10	4	39	25	0.7	25	25.0	15210	33054	0	0	0.0	25.0	0.5
data4-10-39-10694.txt	10	4	39	20	0.6	20	20.0	15210	32999	0	0	0.0	20.0	0.3
data4-10-39-10695.txt	10	4	39	19	0.6	19	19.0	15210	32998	0	0	0.0	19.0	0.4
data4-10-39-10696.txt	10	4	39	21	0.6	21	21.0	15210	33165	0	0	0.0	21.0	0.4
data4-10-39-10697.txt	10	4	39	16	0.4	16	16.0	15210	32555	0	0	0.0	16.0	0.3
data4-10-39-10698.txt	10	4	39	21	0.7	21	21.0	15210	33331	0	0	0.0	21.0	0.4
data4-10-39-10699.txt	10	4	39	22	0.7	22	22.0	15210	32832	0	0	0.0	22.0	0.4
data4-10-39-10700.txt	10	4	39	22	0.8	22	22.0	15210	33187	0	2	0.0	21.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-25-00701.txt	6	5	25	18	0.2	18	18.0	3750	8343	0	0	0.0	18.0	0.1
data5-6-25-00702.txt	6	5	25	19	0.2	19	19.0	3750	8362	0	0	0.0	19.0	0.1
data5-6-25-00703.txt	6	5	25	16	0.2	16	16.0	3750	8358	0	0	0.0	16.0	0.1
data5-6-25-00704.txt	6	5	25	14	0.1	14	14.0	3750	8399	0	0	0.0	14.0	0.1
data5-6-25-00705.txt	6	5	25	14	0.1	14	14.0	3750	8249	1	2	0.0	12.5	0.1
data5-6-25-00706.txt	6	5	25	16	0.2	16	16.0	3750	8323	0	0	0.0	16.0	0.1
data5-6-25-00707.txt	6	5	25	16	0.1	16	16.0	3750	8285	0	0	0.0	16.0	0.1
data5-6-25-00708.txt	6	5	25	13	0.1	13	13.0	3750	8229	0	0	0.0	12.5	0.1
data5-6-25-00709.txt	6	5	25	17	0.2	17	17.0	3750	8327	0	4	0.0	16.0	0.1
data5-6-25-00710.txt	6	5	25	12	0.1	12	12.0	3750	8272	0	0	0.0	12.0	0.1
data5-6-25-00711.txt	6	5	25	21	0.2	21	21.0	3750	8308	0	2	0.0	20.0	0.1
data5-6-25-00712.txt	6	5	25	10	0.1	10	10.0	3750	8305	0	0	0.0	10.0	0.1
data5-6-25-00713.txt	6	5	25	18	0.1	18	18.0	3750	8320	0	0	0.0	17.5	0.1
data5-6-25-00714.txt	6	5	25	16	0.2	16	16.0	3750	8391	0	0	0.0	15.0	0.1
data5-6-25-00715.txt	6	5	25	19	0.2	19	19.0	3750	8408	0	0	0.0	18.0	0.1
data5-6-25-00716.txt	6	5	25	18	0.1	18	18.0	3750	8298	0	0	0.0	18.0	0.1
data5-6-25-00717.txt	6	5	25	18	0.1	18	18.0	3750	8358	0	0	0.0	18.0	0.1
data5-6-25-00718.txt	6	5	25	15	0.2	15	15.0	3750	8367	0	0	0.0	15.0	0.1
data5-6-25-00719.txt	6	5	25	13	0.2	13	13.0	3750	8416	0	0	0.0	13.0	0.1
data5-6-25-00720.txt	6	5	25	16	0.2	16	16.0	3750	8408	0	0	0.0	16.0	0.1
data5-6-25-00721.txt	6	5	25	17	0.2	17	17.0	3750	8410	0	0	0.0	15.5	0.1
data5-6-25-00722.txt	6	5	25	19	0.1	19	19.0	3750	8325	0	0	0.0	19.0	0.1
data5-6-25-00723.txt	6	5	25	23	0.3	23	23.0	3750	8366	1	5	0.0	22.0	0.2
data5-6-25-00724.txt	6	5	25	17	0.2	17	17.0	3750	8423	0	0	0.0	17.0	0.1
data5-6-25-00725.txt	6	5	25	19	0.3	19	19.0	3750	8368	0	0	0.0	18.0	0.1
data5-6-25-00726.txt	6	5	25	18	0.2	18	18.0	3750	8274	1	6	0.0	16.0	0.1
data5-6-25-00727.txt	6	5	25	17	0.2	17	17.0	3750	8379	0	0	0.0	17.0	0.1
data5-6-25-00728.txt	6	5	25	13	0.1	13	13.0	3750	8351	0	0	0.0	13.0	0.1
data5-6-25-00729.txt	6	5	25	19	0.2	19	19.0	3750	8351	0	0	0.0	19.0	0.1
data5-6-25-00730.txt	6	5	25	15	0.1	15	15.0	3750	8330	0	0	0.0	14.5	0.1
data5-6-25-00731.txt	6	5	25	17	0.3	17	17.0	3750	8365	1	16	0.0	15.5	0.2
data5-6-25-00732.txt	6	5	25	14	0.1	14	14.0	3750	8345	0	0	0.0	14.0	0.1
data5-6-25-00733.txt	6	5	25	16	0.2	16	16.0	3750	8344	0	0	0.0	16.0	0.1
data5-6-25-00734.txt	6	5	25	18	0.2	18	18.0	3750	8409	0	0	0.0	18.0	0.1
data5-6-25-00735.txt	6	5	25	13	0.1	13	13.0	3750	8184	0	0	0.0	13.0	0.1
data5-6-25-00736.txt	6	5	25	20	0.2	20	20.0	3750	8318	0	0	0.0	18.8	0.1
data5-6-25-00737.txt	6	5	25	16	0.2	16	16.0	3750	8351	0	0	0.0	16.0	0.1
data5-6-25-00738.txt	6	5	25	18	0.3	18	18.0	3750	8311	1	0	0.0	17.0	0.1
data5-6-25-00739.txt	6	5	25	15	0.2	15	15.0	3750	8283	0	0	0.0	15.0	0.1
data5-6-25-00740.txt	6	5	25	22	0.4	22	22.0	3750	8459	1	18	0.0	21.0	0.2
data5-6-25-00741.txt	6	5	25	19	0.2	19	19.0	3750	8373	0	0	0.0	19.0	0.1
data5-6-25-00742.txt	6	5	25	12	0.1	12	12.0	3750	8409	0	0	0.0	12.0	0.1
data5-6-25-00743.txt	6	5	25	16	0.2	16	16.0	3750	8362	0	0	0.0	16.0	0.1
data5-6-25-00744.txt	6	5	25	20	0.2	20	20.0	3750	8513	0	0	0.0	19.2	0.1
data5-6-25-00745.txt	6	5	25	12	0.1	12	12.0	3750	8256	0	0	0.0	12.0	0.1
data5-6-25-00746.txt	6	5	25	13	0.1	13	13.0	3750	8260	0	0	0.0	12.5	0.1
data5-6-25-00747.txt	6	5	25	17	0.2	17	17.0	3750	8356	0	0	0.0	16.2	0.1
data5-6-25-00748.txt	6	5	25	12	0.1	12	12.0	3750	8252	0	0	0.0	12.0	0.1
data5-6-25-00749.txt	6	5	25	18	0.2	18	18.0	3750	8365	0	0	0.0	16.5	0.1
data5-6-25-00750.txt	6	5	25	20	0.3	20	20.0	3750	8394	1	0	0.0	18.5	0.1
data5-6-25-00751.txt	6	5	25	15	0.2	15	15.0	3750	8354	1	1	0.0	13.5	0.1
data5-6-25-00752.txt	6	5	25	15	0.2	15	15.0	3750	8358	0	0	0.0	14.5	0.1
data5-6-25-00753.txt	6	5	25	14	0.1	14	14.0	3750	8328	0	0	0.0	13.5	0.1
data5-6-25-00754.txt	6	5	25	16	0.2	16	16.0	3750	8379	0	0	0.0	16.0	0.1
data5-6-25-00755.txt	6	5	25	18	0.2	18	18.0	3750	8293	0	0	0.0	16.5	0.1
data5-6-25-00756.txt	6	5	25	12	0.1	12	12.0	3750	8309	0	0	0.0	11.5	0.1
data5-6-25-00757.txt	6	5	25	23	0.6	23	23.0	3750	8439	1	2	0.0	21.0	0.2
data5-6-25-00758.txt	6	5	25	13	0.2	13	13.0	3750	8351	0	0	0.0	13.0	0.1
data5-6-25-00759.txt	6	5	25	13	0.1	13	13.0	3750	8335	0	0	0.0	13.0	0.1
data5-6-25-00760.txt	6	5	25	21	0.2	21	21.0	3750	8362	0	0	0.0	20.0	0.1
data5-6-25-00761.txt	6	5	25	16	0.2	16	16.0	3750	8363	0	0	0.0	16.0	0.1
data5-6-25-00762.txt	6	5	25	20	0.2	20	20.0	3750	8381	0	0	0.0	19.7	0.1
data5-6-25-00763.txt	6	5	25	16	0.2	16	16.0	3750	8391	0	0	0.0	15.4	0.1
data5-6-25-00764.txt	6	5	25	16	0.2	16	16.0	3750	8197	0	0	0.0	15.0	0.1
data5-6-25-00765.txt	6	5	25	13	0.1	13	13.0	3750	8174	0	0	0.0	13.0	0.1
data5-6-25-00766.txt	6	5	25	13	0.1	13	13.0	3750	8240	0	0	0.0	13.0	0.1
data5-6-25-00767.txt	6	5	25	13	0.1	13	13.0	3750	8242	0	0	0.0	12.5	0.1
data5-6-25-00768.txt	6	5	25	16	0.1	16	16.0	3750	8279	0	0	0.0	15.5	0.1
data5-6-25-00769.txt	6	5	25	19	0.2	19	19.0	3750	8388	0	0	0.0	19.0	0.1
data5-6-25-00770.txt	6	5	25	19	0.2	19	19.0	3750	8261	0	0	0.0	19.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data5-6-25-00771.txt	6	5	25	16	0.2	16	16.0	3750	8324	0	0	0.0	16.0	0.1
data5-6-25-00772.txt	6	5	25	17	0.1	17	17.0	3750	8287	0	0	0.0	17.0	0.1
data5-6-25-00773.txt	6	5	25	20	0.3	20	20.0	3750	8403	1	0	0.0	18.5	0.2
data5-6-25-00774.txt	6	5	25	20	0.2	20	20.0	3750	8480	0	0	0.0	18.3	0.1
data5-6-25-00775.txt	6	5	25	18	0.2	18	18.0	3750	8413	0	0	0.0	17.5	0.1
data5-6-25-00776.txt	6	5	25	22	0.2	22	22.0	3750	8469	0	0	0.0	20.2	0.1
data5-6-25-00777.txt	6	5	25	19	0.2	19	19.0	3750	8394	0	0	0.0	18.8	0.1
data5-6-25-00778.txt	6	5	25	19	0.2	19	19.0	3750	8406	1	0	0.0	17.0	0.1
data5-6-25-00779.txt	6	5	25	17	0.2	17	17.0	3750	8296	0	0	0.0	17.0	0.1
data5-6-25-00780.txt	6	5	25	16	0.1	16	16.0	3750	8301	0	0	0.0	15.5	0.1
data5-6-25-00781.txt	6	5	25	18	0.1	18	18.0	3750	8251	0	0	0.0	18.0	0.1
data5-6-25-00782.txt	6	5	25	15	0.1	15	15.0	3750	8308	0	0	0.0	15.0	0.1
data5-6-25-00783.txt	6	5	25	17	0.2	17	17.0	3750	8415	0	0	0.0	17.0	0.1
data5-6-25-00784.txt	6	5	25	23	0.2	23	23.0	3750	8376	0	0	0.0	21.2	0.1
data5-6-25-00785.txt	6	5	25	15	0.2	15	15.0	3750	8315	0	0	0.0	15.0	0.1
data5-6-25-00786.txt	6	5	25	21	0.4	21	21.0	3750	8421	1	0	0.0	19.0	0.2
data5-6-25-00787.txt	6	5	25	20	0.2	20	20.0	3750	8349	0	0	0.0	19.5	0.1
data5-6-25-00788.txt	6	5	25	19	0.3	19	19.0	3750	8317	1	12	0.0	18.0	0.1
data5-6-25-00789.txt	6	5	25	15	0.2	15	15.0	3750	8379	0	0	0.0	15.0	0.1
data5-6-25-00790.txt	6	5	25	17	0.2	17	17.0	3750	8242	0	0	0.0	17.0	0.1
data5-6-25-00791.txt	6	5	25	14	0.1	14	14.0	3750	8293	0	0	0.0	14.0	0.1
data5-6-25-00792.txt	6	5	25	17	0.2	17	17.0	3750	8489	0	0	0.0	17.0	0.1
data5-6-25-00793.txt	6	5	25	12	0.1	12	12.0	3750	8208	0	0	0.0	12.0	0.1
data5-6-25-00794.txt	6	5	25	15	0.1	15	15.0	3750	8323	0	0	0.0	14.5	0.1
data5-6-25-00795.txt	6	5	25	13	0.2	13	13.0	3750	8291	0	0	0.0	13.0	0.1
data5-6-25-00796.txt	6	5	25	19	0.2	19	19.0	3750	8339	0	0	0.0	18.0	0.1
data5-6-25-00797.txt	6	5	25	19	0.2	19	19.0	3750	8395	1	4	0.0	18.0	0.1
data5-6-25-00798.txt	6	5	25	17	0.2	17	17.0	3750	8276	0	0	0.0	16.1	0.1
data5-6-25-00799.txt	6	5	25	23	0.3	23	23.0	3750	8331	0	6	0.0	22.0	0.1
data5-6-25-00800.txt	6	5	25	16	0.2	16	16.0	3750	8331	0	0	0.0	15.0	0.1
data5-6-26-00801.txt	6	5	26	20	0.2	20	20.0	4056	8916	0	0	0.0	20.0	0.1
data5-6-26-00802.txt	6	5	26	16	0.2	16	16.0	4056	9019	0	0	0.0	16.0	0.1
data5-6-26-00803.txt	6	5	26	17	0.2	17	17.0	4056	8978	0	0	0.0	17.0	0.1
data5-6-26-00804.txt	6	5	26	20	0.4	20	20.0	4056	9114	32	0	0.0	18.0	0.1
data5-6-26-00805.txt	6	5	26	18	0.2	18	18.0	4056	9013	0	0	0.0	17.5	0.1
data5-6-26-00806.txt	6	5	26	12	0.1	12	12.0	4056	8957	0	0	0.0	12.0	0.1
data5-6-26-00807.txt	6	5	26	10	0.1	10	10.0	4056	8899	0	0	0.0	10.0	0.1
data5-6-26-00808.txt	6	5	26	22	0.2	22	22.0	4056	9104	0	2	0.0	20.0	0.1
data5-6-26-00809.txt	6	5	26	17	0.2	17	17.0	4056	9066	1	9	0.0	15.0	0.1
data5-6-26-00810.txt	6	5	26	19	0.1	19	19.0	4056	8924	0	0	0.0	19.0	0.1
data5-6-26-00811.txt	6	5	26	16	0.1	16	16.0	4056	8941	0	0	0.0	16.0	0.1
data5-6-26-00812.txt	6	5	26	13	0.1	13	13.0	4056	8934	0	0	0.0	13.0	0.1
data5-6-26-00813.txt	6	5	26	19	0.2	19	19.0	4056	9109	0	0	0.0	19.0	0.1
data5-6-26-00814.txt	6	5	26	13	0.1	13	13.0	4056	8948	0	0	0.0	13.0	0.1
data5-6-26-00815.txt	6	5	26	14	0.2	14	14.0	4056	9036	0	0	0.0	14.0	0.1
data5-6-26-00816.txt	6	5	26	21	0.2	21	21.0	4056	9056	0	0	0.0	21.0	0.2
data5-6-26-00817.txt	6	5	26	15	0.2	15	15.0	4056	9014	0	0	0.0	15.0	0.1
data5-6-26-00818.txt	6	5	26	20	0.4	20	20.0	4056	9149	1	0	0.0	18.0	0.2
data5-6-26-00819.txt	6	5	26	14	0.1	14	14.0	4056	9056	0	0	0.0	14.0	0.1
data5-6-26-00820.txt	6	5	26	17	0.3	17	17.0	4056	8945	1	1	0.0	15.0	0.2
data5-6-26-00821.txt	6	5	26	15	0.1	15	15.0	4056	8923	0	1	0.0	14.0	0.1
data5-6-26-00822.txt	6	5	26	20	0.2	20	20.0	4056	9103	0	0	0.0	19.5	0.1
data5-6-26-00823.txt	6	5	26	14	0.1	14	14.0	4056	8988	0	0	0.0	14.0	0.1
data5-6-26-00824.txt	6	5	26	20	0.2	20	20.0	4056	9234	0	4	0.0	19.0	0.1
data5-6-26-00825.txt	6	5	26	16	0.2	16	16.0	4056	8991	0	0	0.0	16.0	0.1
data5-6-26-00826.txt	6	5	26	21	0.5	21	21.0	4056	9049	1	0	0.0	18.5	0.1
data5-6-26-00827.txt	6	5	26	19	0.2	19	19.0	4056	9066	1	11	0.0	18.0	0.1
data5-6-26-00828.txt	6	5	26	18	0.4	18	18.0	4056	9085	1	0	0.0	14.5	0.1
data5-6-26-00829.txt	6	5	26	18	0.2	18	18.0	4056	8891	0	0	0.0	17.0	0.1
data5-6-26-00830.txt	6	5	26	16	0.1	16	16.0	4056	8920	0	0	0.0	16.0	0.1
data5-6-26-00831.txt	6	5	26	21	0.4	21	21.0	4056	9062	1	6	0.0	19.5	0.1
data5-6-26-00832.txt	6	5	26	21	0.2	21	21.0	4056	9070	0	0	0.0	21.0	0.1
data5-6-26-00833.txt	6	5	26	16	0.2	16	16.0	4056	8995	0	0	0.0	16.0	0.1
data5-6-26-00834.txt	6	5	26	17	0.2	17	17.0	4056	9039	0	0	0.0	17.0	0.1
data5-6-26-00835.txt	6	5	26	15	0.2	15	15.0	4056	8994	0	0	0.0	14.2	0.1
data5-6-26-00836.txt	6	5	26	16	0.2	16	16.0	4056	9116	0	0	0.0	16.0	0.1
data5-6-26-00837.txt	6	5	26	19	0.2	19	19.0	4056	9065	0	0	0.0	19.0	0.1
data5-6-26-00838.txt	6	5	26	23	0.3	23	23.0	4056	9089	1	2	0.0	20.5	0.1
data5-6-26-00839.txt	6	5	26	17	0.2	17	17.0	4056	9041	0	0	0.0	17.0	0.1
data5-6-26-00840.txt	6	5	26	21	0.2	21	21.0	4056	9080	0	0	0.0	20.5	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-26-00841.txt	6	5	26	20	0.2	20	20.0	4056	9078	0	0	0.0	18.5	0.1
data5-6-26-00842.txt	6	5	26	15	0.1	15	15.0	4056	8912	0	1	0.0	14.0	0.1
data5-6-26-00843.txt	6	5	26	22	1.5	22	22.0	4056	9117	306	37	0.0	19.0	0.2
data5-6-26-00844.txt	6	5	26	24	0.3	24	24.0	4056	9021	1	15	0.0	22.0	0.1
data5-6-26-00845.txt	6	5	26	17	0.1	17	17.0	4056	8938	0	0	0.0	17.0	0.1
data5-6-26-00846.txt	6	5	26	24	0.3	24	24.0	4056	9071	0	5	0.0	23.0	0.2
data5-6-26-00847.txt	6	5	26	17	0.2	17	17.0	4056	9069	0	3	0.0	16.0	0.1
data5-6-26-00848.txt	6	5	26	20	0.2	20	20.0	4056	8939	1	1	0.0	18.5	0.1
data5-6-26-00849.txt	6	5	26	14	0.1	14	14.0	4056	8935	0	0	0.0	14.0	0.1
data5-6-26-00850.txt	6	5	26	17	0.1	17	17.0	4056	8929	0	0	0.0	16.5	0.1
data5-6-26-00851.txt	6	5	26	25	0.3	25	25.0	4056	9161	1	0	0.0	23.0	0.2
data5-6-26-00852.txt	6	5	26	23	0.6	23	23.0	4056	9102	3	15	0.0	20.0	0.1
data5-6-26-00853.txt	6	5	26	20	0.2	20	20.0	4056	9067	0	1	0.0	19.0	0.2
data5-6-26-00854.txt	6	5	26	24	0.3	24	24.0	4056	9056	0	0	0.0	23.0	0.2
data5-6-26-00855.txt	6	5	26	19	0.2	19	19.0	4056	9053	0	2	0.0	18.0	0.1
data5-6-26-00856.txt	6	5	26	16	0.1	16	16.0	4056	8883	0	0	0.0	15.2	0.1
data5-6-26-00857.txt	6	5	26	17	0.2	17	17.0	4056	9040	0	0	0.0	16.8	0.1
data5-6-26-00858.txt	6	5	26	23	0.5	23	23.0	4056	9034	1	2	0.0	20.5	0.2
data5-6-26-00859.txt	6	5	26	16	0.2	16	16.0	4056	8937	0	0	0.0	16.0	0.1
data5-6-26-00860.txt	6	5	26	15	0.2	15	15.0	4056	9045	0	0	0.0	15.0	0.1
data5-6-26-00861.txt	6	5	26	21	0.2	21	21.0	4056	9014	0	0	0.0	21.0	0.1
data5-6-26-00862.txt	6	5	26	17	0.2	17	17.0	4056	9096	0	0	0.0	16.6	0.1
data5-6-26-00863.txt	6	5	26	21	0.2	21	21.0	4056	9077	0	1	0.0	20.0	0.2
data5-6-26-00864.txt	6	5	26	19	0.2	19	19.0	4056	8980	0	0	0.0	19.0	0.1
data5-6-26-00865.txt	6	5	26	21	0.2	21	21.0	4056	9140	0	0	0.0	21.0	0.2
data5-6-26-00866.txt	6	5	26	17	0.2	17	17.0	4056	9063	0	0	0.0	17.0	0.1
data5-6-26-00867.txt	6	5	26	22	0.3	22	22.0	4056	9086	1	2	0.0	20.0	0.2
data5-6-26-00868.txt	6	5	26	17	0.2	17	17.0	4056	9029	0	0	0.0	17.0	0.1
data5-6-26-00869.txt	6	5	26	24	0.3	24	24.0	4056	9098	0	2	0.0	23.0	0.2
data5-6-26-00870.txt	6	5	26	23	0.8	23	23.0	4056	9048	13	1	0.0	21.0	0.1
data5-6-26-00871.txt	6	5	26	22	0.2	22	22.0	4056	9149	0	0	0.0	22.0	0.1
data5-6-26-00872.txt	6	5	26	19	0.2	19	19.0	4056	8988	0	0	0.0	19.0	0.1
data5-6-26-00873.txt	6	5	26	19	0.2	19	19.0	4056	9041	0	0	0.0	18.3	0.1
data5-6-26-00874.txt	6	5	26	18	0.2	18	18.0	4056	9078	0	0	0.0	18.0	0.1
data5-6-26-00875.txt	6	5	26	22	0.4	22	22.0	4056	9051	1	10	0.0	20.0	0.1
data5-6-26-00876.txt	6	5	26	20	0.2	20	20.0	4056	8990	0	0	0.0	19.5	0.1
data5-6-26-00877.txt	6	5	26	22	0.2	22	22.0	4056	9108	0	0	0.0	22.0	0.2
data5-6-26-00878.txt	6	5	26	25	0.3	25	25.0	4056	9079	1	16	0.0	23.5	0.1
data5-6-26-00879.txt	6	5	26	14	0.2	14	14.0	4056	9062	0	0	0.0	14.0	0.1
data5-6-26-00880.txt	6	5	26	19	0.2	19	19.0	4056	8984	0	6	0.0	18.0	0.1
data5-6-26-00881.txt	6	5	26	19	0.2	19	19.0	4056	9103	0	5	0.0	18.0	0.1
data5-6-26-00882.txt	6	5	26	15	0.2	15	15.0	4056	8973	0	0	0.0	15.0	0.1
data5-6-26-00883.txt	6	5	26	16	0.2	16	16.0	4056	8975	0	0	0.0	15.5	0.1
data5-6-26-00884.txt	6	5	26	19	0.2	19	19.0	4056	9216	0	0	0.0	19.0	0.1
data5-6-26-00885.txt	6	5	26	13	0.1	13	13.0	4056	8880	0	0	0.0	12.5	0.1
data5-6-26-00886.txt	6	5	26	22	0.2	22	22.0	4056	9035	0	0	0.0	22.0	0.2
data5-6-26-00887.txt	6	5	26	17	0.2	17	17.0	4056	8946	0	0	0.0	17.0	0.1
data5-6-26-00888.txt	6	5	26	21	0.2	21	21.0	4056	9107	0	0	0.0	21.0	0.1
data5-6-26-00889.txt	6	5	26	21	0.3	21	21.0	4056	9167	0	0	0.0	20.3	0.2
data5-6-26-00890.txt	6	5	26	15	0.2	15	15.0	4056	8948	0	0	0.0	15.0	0.1
data5-6-26-00891.txt	6	5	26	22	0.4	22	22.0	4056	9123	1	12	0.0	20.5	0.2
data5-6-26-00892.txt	6	5	26	20	0.2	20	20.0	4056	9092	0	0	0.0	19.5	0.1
data5-6-26-00893.txt	6	5	26	15	0.2	15	15.0	4056	9024	0	0	0.0	14.5	0.1
data5-6-26-00894.txt	6	5	26	19	0.2	19	19.0	4056	9011	0	0	0.0	18.5	0.2
data5-6-26-00895.txt	6	5	26	17	0.2	17	17.0	4056	8958	0	0	0.0	17.0	0.1
data5-6-26-00896.txt	6	5	26	23	0.8	23	23.0	4056	9097	158	4	0.0	18.5	0.1
data5-6-26-00897.txt	6	5	26	20	0.3	20	20.0	4056	9113	1	19	0.0	18.0	0.1
data5-6-26-00898.txt	6	5	26	19	0.3	19	19.0	4056	9103	1	10	0.0	18.0	0.1
data5-6-26-00899.txt	6	5	26	18	0.2	18	18.0	4056	9015	0	0	0.0	18.0	0.1
data5-6-26-00900.txt	6	5	26	22	0.2	22	22.0	4056	9099	0	0	0.0	22.0	0.2
data5-6-27-00901.txt	6	5	27	19	0.2	19	19.0	4374	9801	0	1	0.0	18.0	0.1
data5-6-27-00902.txt	6	5	27	20	0.2	20	20.0	4374	9732	0	0	0.0	19.5	0.1
data5-6-27-00903.txt	6	5	27	16	0.1	16	16.0	4374	9606	0	2	0.0	15.0	0.1
data5-6-27-00904.txt	6	5	27	20	0.2	20	20.0	4374	9702	0	0	0.0	20.0	0.1
data5-6-27-00905.txt	6	5	27	18	0.3	18	18.0	4374	9861	1	0	0.0	16.5	0.1
data5-6-27-00906.txt	6	5	27	19	0.2	19	19.0	4374	9669	0	0	0.0	18.0	0.1
data5-6-27-00907.txt	6	5	27	10	0.1	10	10.0	4374	9583	0	0	0.0	10.0	0.1
data5-6-27-00908.txt	6	5	27	14	0.1	14	14.0	4374	9630	0	0	0.0	14.0	0.1
data5-6-27-00909.txt	6	5	27	23	0.4	23	23.0	4374	9837	1	6	0.0	21.5	0.2
data5-6-27-00910.txt	6	5	27	24	0.3	24	24.0	4374	9799	1	6	0.0	22.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-27-00911.txt	6	5	27	17	0.2	17	17.0	4374	9643	0	0	0.0	16.5	0.1
data5-6-27-00912.txt	6	5	27	19	0.2	19	19.0	4374	9699	0	0	0.0	18.2	0.1
data5-6-27-00913.txt	6	5	27	19	0.2	19	19.0	4374	9740	0	0	0.0	19.0	0.1
data5-6-27-00914.txt	6	5	27	23	0.3	23	23.0	4374	9785	1	10	0.0	21.5	0.1
data5-6-27-00915.txt	6	5	27	19	0.2	19	19.0	4374	9742	0	0	0.0	18.0	0.1
data5-6-27-00916.txt	6	5	27	19	0.2	19	19.0	4374	9762	0	1	0.0	18.0	0.1
data5-6-27-00917.txt	6	5	27	15	0.1	15	15.0	4374	9672	0	3	0.0	14.0	0.1
data5-6-27-00918.txt	6	5	27	19	0.2	19	19.0	4374	9828	0	0	0.0	19.0	0.1
data5-6-27-00919.txt	6	5	27	26	0.6	26	26.0	4374	9772	37	23	0.0	23.5	0.1
data5-6-27-00920.txt	6	5	27	18	0.2	18	18.0	4374	9715	0	0	0.0	18.0	0.1
data5-6-27-00921.txt	6	5	27	18	0.3	18	18.0	4374	9627	1	0	0.0	17.0	0.1
data5-6-27-00922.txt	6	5	27	20	0.2	20	20.0	4374	9893	0	0	0.0	20.0	0.1
data5-6-27-00923.txt	6	5	27	19	0.2	19	19.0	4374	9803	0	0	0.0	18.0	0.1
data5-6-27-00924.txt	6	5	27	16	0.2	16	16.0	4374	9703	0	0	0.0	16.0	0.1
data5-6-27-00925.txt	6	5	27	17	0.2	17	17.0	4374	9721	0	0	0.0	17.0	0.1
data5-6-27-00926.txt	6	5	27	20	0.2	20	20.0	4374	9762	1	5	0.0	18.0	0.1
data5-6-27-00927.txt	6	5	27	21	0.4	21	21.0	4374	9800	1	7	0.0	19.0	0.1
data5-6-27-00928.txt	6	5	27	21	0.2	21	21.0	4374	9748	0	2	0.0	20.0	0.1
data5-6-27-00929.txt	6	5	27	19	0.2	19	19.0	4374	9774	0	0	0.0	18.6	0.1
data5-6-27-00930.txt	6	5	27	20	0.2	20	20.0	4374	9829	0	2	0.0	19.0	0.1
data5-6-27-00931.txt	6	5	27	18	0.2	18	18.0	4374	9707	0	0	0.0	17.5	0.1
data5-6-27-00932.txt	6	5	27	18	0.2	18	18.0	4374	9710	0	0	0.0	18.0	0.1
data5-6-27-00933.txt	6	5	27	16	0.2	16	16.0	4374	9654	0	0	0.0	16.0	0.1
data5-6-27-00934.txt	6	5	27	21	0.2	21	21.0	4374	9732	0	3	0.0	19.5	0.2
data5-6-27-00935.txt	6	5	27	16	0.2	16	16.0	4374	9651	0	1	0.0	15.0	0.1
data5-6-27-00936.txt	6	5	27	16	0.1	16	16.0	4374	9714	0	0	0.0	15.5	0.1
data5-6-27-00937.txt	6	5	27	16	0.2	16	16.0	4374	9724	0	0	0.0	15.0	0.1
data5-6-27-00938.txt	6	5	27	22	0.2	22	22.0	4374	9772	0	0	0.0	21.3	0.2
data5-6-27-00939.txt	6	5	27	18	0.2	18	18.0	4374	9907	0	0	0.0	18.0	0.2
data5-6-27-00940.txt	6	5	27	18	0.2	18	18.0	4374	9689	1	2	0.0	16.5	0.1
data5-6-27-00941.txt	6	5	27	22	0.2	22	22.0	4374	9798	0	0	0.0	22.0	0.1
data5-6-27-00942.txt	6	5	27	18	0.2	18	18.0	4374	9686	0	0	0.0	17.3	0.1
data5-6-27-00943.txt	6	5	27	13	0.1	13	13.0	4374	9613	0	0	0.0	13.0	0.1
data5-6-27-00944.txt	6	5	27	23	0.2	23	23.0	4374	9810	0	0	0.0	23.0	0.2
data5-6-27-00945.txt	6	5	27	25	0.2	25	25.0	4374	9818	1	23	0.0	22.0	0.1
data5-6-27-00946.txt	6	5	27	20	0.4	20	20.0	4374	9821	1	0	0.0	18.0	0.1
data5-6-27-00947.txt	6	5	27	19	0.2	19	19.0	4374	9691	0	3	0.0	18.0	0.1
data5-6-27-00948.txt	6	5	27	22	0.2	22	22.0	4374	9804	0	0	0.0	21.6	0.1
data5-6-27-00949.txt	6	5	27	25	0.2	25	25.0	4374	9772	0	4	0.0	24.0	0.1
data5-6-27-00950.txt	6	5	27	18	0.2	18	18.0	4374	9862	0	2	0.0	17.0	0.1
data5-6-27-00951.txt	6	5	27	20	0.2	20	20.0	4374	9767	0	0	0.0	20.0	0.1
data5-6-27-00952.txt	6	5	27	20	0.3	20	20.0	4374	9773	1	3	0.0	18.5	0.1
data5-6-27-00953.txt	6	5	27	18	0.2	18	18.0	4374	9656	0	2	0.0	17.0	0.1
data5-6-27-00954.txt	6	5	27	21	0.4	21	21.0	4374	9718	1	8	0.0	19.3	0.1
data5-6-27-00955.txt	6	5	27	25	0.5	25	25.0	4374	9752	1	18	0.0	22.0	0.2
data5-6-27-00956.txt	6	5	27	20	0.2	20	20.0	4374	9657	0	0	0.0	19.0	0.1
data5-6-27-00957.txt	6	5	27	18	0.2	18	18.0	4374	9653	0	0	0.0	18.0	0.1
data5-6-27-00958.txt	6	5	27	22	0.2	22	22.0	4374	9845	0	2	0.0	20.0	0.2
data5-6-27-00959.txt	6	5	27	18	0.1	18	18.0	4374	9687	0	0	0.0	17.5	0.1
data5-6-27-00960.txt	6	5	27	15	0.1	15	15.0	4374	9576	0	0	0.0	15.0	0.1
data5-6-27-00961.txt	6	5	27	14	0.1	14	14.0	4374	9654	0	0	0.0	14.0	0.1
data5-6-27-00962.txt	6	5	27	16	0.2	16	16.0	4374	9711	0	0	0.0	16.0	0.1
data5-6-27-00963.txt	6	5	27	15	0.2	15	15.0	4374	9632	1	0	0.0	13.5	0.1
data5-6-27-00964.txt	6	5	27	14	0.2	14	14.0	4374	9659	0	0	0.0	14.0	0.1
data5-6-27-00965.txt	6	5	27	17	0.1	17	17.0	4374	9658	0	0	0.0	17.0	0.1
data5-6-27-00966.txt	6	5	27	14	0.1	14	14.0	4374	9590	0	0	0.0	14.0	0.1
data5-6-27-00967.txt	6	5	27	17	0.2	17	17.0	4374	9806	1	5	0.0	16.0	0.1
data5-6-27-00968.txt	6	5	27	24	0.2	24	24.0	4374	9637	0	1	0.0	23.0	0.1
data5-6-27-00969.txt	6	5	27	17	0.1	17	17.0	4374	9677	0	0	0.0	16.5	0.1
data5-6-27-00970.txt	6	5	27	20	0.2	20	20.0	4374	9700	0	1	0.0	19.0	0.1
data5-6-27-00971.txt	6	5	27	20	0.2	20	20.0	4374	9672	0	0	0.0	20.0	0.1
data5-6-27-00972.txt	6	5	27	18	0.2	18	18.0	4374	9813	0	1	0.0	17.0	0.1
data5-6-27-00973.txt	6	5	27	18	0.2	18	18.0	4374	9729	1	8	0.0	17.0	0.1
data5-6-27-00974.txt	6	5	27	14	0.2	14	14.0	4374	9663	1	5	0.0	12.7	0.1
data5-6-27-00975.txt	6	5	27	19	0.1	19	19.0	4374	9714	0	1	0.0	18.0	0.1
data5-6-27-00976.txt	6	5	27	24	0.2	24	24.0	4374	9780	0	0	0.0	23.0	0.1
data5-6-27-00977.txt	6	5	27	17	0.2	17	17.0	4374	9726	1	11	0.0	16.0	0.1
data5-6-27-00978.txt	6	5	27	24	0.7	24	24.0	4374	9820	1	1	0.0	20.5	0.2
data5-6-27-00979.txt	6	5	27	25	0.2	25	25.0	4374	9847	0	0	0.0	23.5	0.1
data5-6-27-00980.txt	6	5	27	18	0.2	18	18.0	4374	9760	0	0	0.0	17.7	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-27-00981.txt	6	5	27	23	0.2	23	23.0	4374	9749	0	0	0.0	23.0	0.1
data5-6-27-00982.txt	6	5	27	18	0.2	18	18.0	4374	9716	0	0	0.0	18.0	0.1
data5-6-27-00983.txt	6	5	27	14	0.2	14	14.0	4374	9666	0	0	0.0	14.0	0.1
data5-6-27-00984.txt	6	5	27	17	0.2	17	17.0	4374	9791	0	0	0.0	17.0	0.1
data5-6-27-00985.txt	6	5	27	20	0.2	20	20.0	4374	9722	0	0	0.0	20.0	0.1
data5-6-27-00986.txt	6	5	27	14	0.2	14	14.0	4374	9615	0	0	0.0	14.0	0.1
data5-6-27-00987.txt	6	5	27	26	0.3	26	26.0	4374	9741	0	0	0.0	25.0	0.1
data5-6-27-00988.txt	6	5	27	17	0.2	17	17.0	4374	9680	0	0	0.0	17.0	0.1
data5-6-27-00989.txt	6	5	27	22	0.7	22	22.0	4374	9797	18	5	0.0	18.5	0.2
data5-6-27-00990.txt	6	5	27	21	0.2	21	21.0	4374	9657	0	0	0.0	21.0	0.1
data5-6-27-00991.txt	6	5	27	18	0.2	18	18.0	4374	9672	0	0	0.0	16.5	0.1
data5-6-27-00992.txt	6	5	27	26	0.4	26	26.0	4374	9824	12	24	0.0	24.0	0.2
data5-6-27-00993.txt	6	5	27	15	0.2	15	15.0	4374	9681	0	0	0.0	15.0	0.1
data5-6-27-00994.txt	6	5	27	14	0.1	14	14.0	4374	9587	0	0	0.0	14.0	0.1
data5-6-27-00995.txt	6	5	27	23	0.4	23	23.0	4374	9825	0	0	0.0	21.5	0.2
data5-6-27-00996.txt	6	5	27	16	0.2	16	16.0	4374	9577	0	0	0.0	16.0	0.1
data5-6-27-00997.txt	6	5	27	15	0.2	15	15.0	4374	9741	0	0	0.0	15.0	0.1
data5-6-27-00998.txt	6	5	27	19	0.2	19	19.0	4374	9719	0	0	0.0	19.0	0.1
data5-6-27-00999.txt	6	5	27	14	0.2	14	14.0	4374	9683	0	0	0.0	14.0	0.1
data5-6-27-01000.txt	6	5	27	22	0.4	22	22.0	4374	9692	1	11	0.0	19.0	0.1
data5-6-28-01001.txt	6	5	28	25	0.6	25	25.0	4704	10640	9	17	0.0	20.5	0.2
data5-6-28-01002.txt	6	5	28	12	0.2	12	12.0	4704	10430	0	0	0.0	12.0	0.1
data5-6-28-01003.txt	6	5	28	25	0.3	25	25.0	4704	10386	1	5	0.0	22.0	0.1
data5-6-28-01004.txt	6	5	28	20	0.2	20	20.0	4704	10513	0	0	0.0	20.0	0.1
data5-6-28-01005.txt	6	5	28	18	0.2	18	18.0	4704	10511	0	0	0.0	17.5	0.2
data5-6-28-01006.txt	6	5	28	20	0.2	20	20.0	4704	10366	0	0	0.0	20.0	0.1
data5-6-28-01007.txt	6	5	28	24	0.2	24	24.0	4704	10451	1	6	0.0	23.0	0.1
data5-6-28-01008.txt	6	5	28	20	0.2	20	20.0	4704	10432	0	2	0.0	19.0	0.1
data5-6-28-01009.txt	6	5	28	16	0.2	16	16.0	4704	10411	0	0	0.0	15.1	0.1
data5-6-28-01010.txt	6	5	28	18	0.2	18	18.0	4704	10468	0	0	0.0	18.0	0.1
data5-6-28-01011.txt	6	5	28	18	0.2	18	18.0	4704	10343	0	5	0.0	17.0	0.1
data5-6-28-01012.txt	6	5	28	17	0.2	17	17.0	4704	10390	1	2	0.0	15.5	0.1
data5-6-28-01013.txt	6	5	28	29	0.4	29	29.0	4704	10596	1	0	0.0	27.0	0.2
data5-6-28-01014.txt	6	5	28	17	0.2	17	17.0	4704	10367	0	0	0.0	17.0	0.1
data5-6-28-01015.txt	6	5	28	32	0.5	32	32.0	4704	10481	1	28	0.0	30.0	0.2
data5-6-28-01016.txt	6	5	28	20	0.2	20	20.0	4704	10496	1	7	0.0	19.0	0.1
data5-6-28-01017.txt	6	5	28	23	0.2	23	23.0	4704	10439	5	20	0.0	21.0	0.1
data5-6-28-01018.txt	6	5	28	17	0.2	17	17.0	4704	10472	0	0	0.0	17.0	0.1
data5-6-28-01019.txt	6	5	28	24	0.2	24	24.0	4704	10554	0	0	0.0	24.0	0.1
data5-6-28-01020.txt	6	5	28	22	0.4	22	22.0	4704	10531	3	15	0.0	20.5	0.2
data5-6-28-01021.txt	6	5	28	26	0.4	26	26.0	4704	10627	1	40	0.0	24.0	0.1
data5-6-28-01022.txt	6	5	28	19	0.2	19	19.0	4704	10484	0	0	0.0	18.0	0.1
data5-6-28-01023.txt	6	5	28	24	0.2	24	24.0	4704	10342	0	5	0.0	22.0	0.1
data5-6-28-01024.txt	6	5	28	19	0.2	19	19.0	4704	10395	0	0	0.0	19.0	0.2
data5-6-28-01025.txt	6	5	28	18	0.2	18	18.0	4704	10349	0	0	0.0	18.0	0.1
data5-6-28-01026.txt	6	5	28	25	0.2	25	25.0	4704	10543	0	0	0.0	25.0	0.2
data5-6-28-01027.txt	6	5	28	18	0.2	18	18.0	4704	10446	0	0	0.0	18.0	0.1
data5-6-28-01028.txt	6	5	28	11	0.1	11	11.0	4704	10356	0	1	0.0	10.0	0.1
data5-6-28-01029.txt	6	5	28	19	0.2	19	19.0	4704	10366	1	3	0.0	17.5	0.1
data5-6-28-01030.txt	6	5	28	19	0.1	19	19.0	4704	10393	0	0	0.0	18.5	0.1
data5-6-28-01031.txt	6	5	28	16	0.2	16	16.0	4704	10414	0	0	0.0	16.0	0.1
data5-6-28-01032.txt	6	5	28	19	0.2	19	19.0	4704	10443	0	0	0.0	19.0	0.1
data5-6-28-01033.txt	6	5	28	12	0.1	12	12.0	4704	10358	0	0	0.0	12.0	0.1
data5-6-28-01034.txt	6	5	28	20	0.2	20	20.0	4704	10545	0	0	0.0	20.0	0.1
data5-6-28-01035.txt	6	5	28	17	0.2	17	17.0	4704	10439	0	2	0.0	16.0	0.1
data5-6-28-01036.txt	6	5	28	25	0.4	25	25.0	4704	10440	0	0	0.0	24.0	0.2
data5-6-28-01037.txt	6	5	28	27	1.1	27	27.0	4704	10486	234	11	0.0	23.1	0.2
data5-6-28-01038.txt	6	5	28	23	0.4	23	23.0	4704	10507	0	0	0.0	21.5	0.2
data5-6-28-01039.txt	6	5	28	17	0.2	17	17.0	4704	10425	0	0	0.0	17.0	0.1
data5-6-28-01040.txt	6	5	28	25	0.3	25	25.0	4704	10500	1	4	0.0	23.5	0.1
data5-6-28-01041.txt	6	5	28	20	0.2	20	20.0	4704	10478	0	2	0.0	19.0	0.1
data5-6-28-01042.txt	6	5	28	24	0.3	24	24.0	4704	10591	0	11	0.0	22.5	0.2
data5-6-28-01043.txt	6	5	28	20	0.2	20	20.0	4704	10443	0	0	0.0	20.0	0.1
data5-6-28-01044.txt	6	5	28	21	0.2	21	21.0	4704	10356	0	4	0.0	20.0	0.1
data5-6-28-01045.txt	6	5	28	20	0.2	20	20.0	4704	10396	0	0	0.0	20.0	0.1
data5-6-28-01046.txt	6	5	28	13	0.1	13	13.0	4704	10308	0	0	0.0	12.3	0.1
data5-6-28-01047.txt	6	5	28	20	0.2	20	20.0	4704	10502	0	1	0.0	19.0	0.1
data5-6-28-01048.txt	6	5	28	25	0.5	25	25.0	4704	10510	1	7	0.0	22.0	0.2
data5-6-28-01049.txt	6	5	28	21	0.2	21	21.0	4704	10482	0	8	0.0	19.0	0.1
data5-6-28-01050.txt	6	5	28	20	0.2	20	20.0	4704	10509	0	0	0.0	20.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-28-01051.txt	6	5	28	20	0.2	20	20.0	4704	10451	0	0	0.0	20.0	0.1
data5-6-28-01052.txt	6	5	28	22	0.3	22	22.0	4704	10574	1	2	0.0	20.3	0.1
data5-6-28-01053.txt	6	5	28	15	0.2	15	15.0	4704	10400	0	0	0.0	15.0	0.1
data5-6-28-01054.txt	6	5	28	19	0.2	19	19.0	4704	10380	0	0	0.0	19.0	0.1
data5-6-28-01055.txt	6	5	28	14	0.1	14	14.0	4704	10298	0	0	0.0	14.0	0.1
data5-6-28-01056.txt	6	5	28	9	0.1	9	9.0	4704	10326	0	0	0.0	9.0	0.1
data5-6-28-01057.txt	6	5	28	26	0.3	26	26.0	4704	10532	0	0	0.0	26.0	0.2
data5-6-28-01058.txt	6	5	28	17	0.2	17	17.0	4704	10396	0	0	0.0	17.0	0.1
data5-6-28-01059.txt	6	5	28	16	0.1	16	16.0	4704	10349	0	0	0.0	16.0	0.1
data5-6-28-01060.txt	6	5	28	22	0.3	22	22.0	4704	10379	0	0	0.0	21.0	0.1
data5-6-28-01061.txt	6	5	28	22	0.2	22	22.0	4704	10471	0	0	0.0	21.5	0.2
data5-6-28-01062.txt	6	5	28	19	0.2	19	19.0	4704	10427	0	0	0.0	18.2	0.1
data5-6-28-01063.txt	6	5	28	20	0.1	20	20.0	4704	10402	0	8	0.0	19.0	0.1
data5-6-28-01064.txt	6	5	28	14	0.1	14	14.0	4704	10268	0	0	0.0	14.0	0.1
data5-6-28-01065.txt	6	5	28	26	0.2	26	26.0	4704	10523	0	4	0.0	23.0	0.1
data5-6-28-01066.txt	6	5	28	25	0.3	25	25.0	4704	10507	1	16	0.0	23.0	0.2
data5-6-28-01067.txt	6	5	28	16	0.2	16	16.0	4704	10397	0	0	0.0	16.0	0.1
data5-6-28-01068.txt	6	5	28	19	0.2	19	19.0	4704	10465	0	0	0.0	19.0	0.2
data5-6-28-01069.txt	6	5	28	22	0.2	22	22.0	4704	10504	0	0	0.0	21.0	0.1
data5-6-28-01070.txt	6	5	28	22	0.3	22	22.0	4704	10546	1	3	0.0	20.4	0.1
data5-6-28-01071.txt	6	5	28	21	0.2	21	21.0	4704	10373	0	0	0.0	21.0	0.1
data5-6-28-01072.txt	6	5	28	17	0.2	17	17.0	4704	10496	0	0	0.0	17.0	0.1
data5-6-28-01073.txt	6	5	28	17	0.2	17	17.0	4704	10453	0	0	0.0	17.0	0.1
data5-6-28-01074.txt	6	5	28	20	0.2	20	20.0	4704	10470	0	14	0.0	19.0	0.1
data5-6-28-01075.txt	6	5	28	20	0.2	20	20.0	4704	10459	0	0	0.0	20.0	0.1
data5-6-28-01076.txt	6	5	28	13	0.2	13	13.0	4704	10314	0	0	0.0	13.0	0.1
data5-6-28-01077.txt	6	5	28	20	0.2	20	20.0	4704	10436	0	0	0.0	20.0	0.2
data5-6-28-01078.txt	6	5	28	19	0.2	19	19.0	4704	10391	0	0	0.0	18.0	0.1
data5-6-28-01079.txt	6	5	28	16	0.2	16	16.0	4704	10413	0	0	0.0	15.3	0.1
data5-6-28-01080.txt	6	5	28	21	0.2	21	21.0	4704	10447	0	0	0.0	21.0	0.1
data5-6-28-01081.txt	6	5	28	19	0.2	19	19.0	4704	10580	0	1	0.0	18.0	0.1
data5-6-28-01082.txt	6	5	28	25	0.2	25	25.0	4704	10471	0	7	0.0	24.0	0.1
data5-6-28-01083.txt	6	5	28	19	0.2	19	19.0	4704	10476	0	0	0.0	19.0	0.1
data5-6-28-01084.txt	6	5	28	21	0.2	21	21.0	4704	10417	0	5	0.0	20.0	0.1
data5-6-28-01085.txt	6	5	28	17	0.2	17	17.0	4704	10429	0	0	0.0	17.0	0.1
data5-6-28-01086.txt	6	5	28	21	0.2	21	21.0	4704	10497	1	1	0.0	19.5	0.1
data5-6-28-01087.txt	6	5	28	15	0.2	15	15.0	4704	10432	0	0	0.0	15.0	0.1
data5-6-28-01088.txt	6	5	28	20	0.2	20	20.0	4704	10473	1	7	0.0	18.0	0.1
data5-6-28-01089.txt	6	5	28	16	0.2	16	16.0	4704	10363	0	0	0.0	16.0	0.1
data5-6-28-01090.txt	6	5	28	17	0.1	17	17.0	4704	10357	0	0	0.0	17.0	0.1
data5-6-28-01091.txt	6	5	28	27	0.3	27	27.0	4704	10470	0	1	0.0	26.0	0.1
data5-6-28-01092.txt	6	5	28	18	0.2	18	18.0	4704	10535	0	1	0.0	17.0	0.1
data5-6-28-01093.txt	6	5	28	17	0.2	17	17.0	4704	10413	0	0	0.0	17.0	0.1
data5-6-28-01094.txt	6	5	28	17	0.2	17	17.0	4704	10442	0	0	0.0	16.5	0.1
data5-6-28-01095.txt	6	5	28	21	0.2	21	21.0	4704	10452	0	1	0.0	20.0	0.1
data5-6-28-01096.txt	6	5	28	22	0.2	22	22.0	4704	10506	0	0	0.0	22.0	0.2
data5-6-28-01097.txt	6	5	28	20	0.2	20	20.0	4704	10493	0	0	0.0	19.5	0.1
data5-6-28-01098.txt	6	5	28	14	0.1	14	14.0	4704	10429	0	1	0.0	13.0	0.1
data5-6-28-01099.txt	6	5	28	21	0.2	21	21.0	4704	10437	0	0	0.0	20.5	0.1
data5-6-28-01100.txt	6	5	28	13	0.1	13	13.0	4704	10335	0	0	0.0	13.0	0.1
data5-6-29-01101.txt	6	5	29	22	0.3	22	22.0	5046	11318	1	0	0.0	19.5	0.2
data5-6-29-01102.txt	6	5	29	20	0.4	20	20.0	5046	11271	1	2	0.0	18.1	0.1
data5-6-29-01103.txt	6	5	29	21	0.2	21	21.0	5046	11279	0	2	0.0	20.0	0.2
data5-6-29-01104.txt	6	5	29	23	0.2	23	23.0	5046	11125	1	6	0.0	22.0	0.1
data5-6-29-01105.txt	6	5	29	27	0.2	27	27.0	5046	11314	0	12	0.0	25.0	0.1
data5-6-29-01106.txt	6	5	29	18	0.2	18	18.0	5046	11163	0	0	0.0	18.0	0.1
data5-6-29-01107.txt	6	5	29	19	0.1	19	19.0	5046	11078	1	3	0.0	17.5	0.1
data5-6-29-01108.txt	6	5	29	24	0.3	24	24.0	5046	11264	0	0	0.0	23.5	0.2
data5-6-29-01109.txt	6	5	29	22	0.2	22	22.0	5046	11281	0	0	0.0	22.0	0.1
data5-6-29-01110.txt	6	5	29	27	0.3	27	27.0	5046	11168	0	0	0.0	26.0	0.2
data5-6-29-01111.txt	6	5	29	27	0.3	27	27.0	5046	11339	1	25	0.0	26.0	0.2
data5-6-29-01112.txt	6	5	29	18	0.2	18	18.0	5046	11232	0	0	0.0	17.5	0.1
data5-6-29-01113.txt	6	5	29	20	0.2	20	20.0	5046	11230	0	0	0.0	20.0	0.1
data5-6-29-01114.txt	6	5	29	21	0.2	21	21.0	5046	11195	0	0	0.0	19.3	0.1
data5-6-29-01115.txt	6	5	29	22	0.2	22	22.0	5046	11193	1	9	0.0	20.0	0.1
data5-6-29-01116.txt	6	5	29	24	0.3	24	24.0	5046	11284	0	0	0.0	24.0	0.2
data5-6-29-01117.txt	6	5	29	22	0.2	22	22.0	5046	11201	0	0	0.0	21.5	0.1
data5-6-29-01118.txt	6	5	29	23	0.3	23	23.0	5046	11230	1	7	0.0	22.0	0.2
data5-6-29-01119.txt	6	5	29	19	0.2	19	19.0	5046	11219	0	0	0.0	18.8	0.2
data5-6-29-01120.txt	6	5	29	25	1.2	25	25.0	5046	11243	1	6	0.0	23.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-29-01121.txt	6	5	29	32	0.3	32	32.0	5046	11150	1	4	0.0	29.5	0.2
data5-6-29-01122.txt	6	5	29	19	0.3	19	19.0	5046	11198	1	6	0.0	17.0	0.1
data5-6-29-01123.txt	6	5	29	16	0.2	16	16.0	5046	11141	0	0	0.0	16.0	0.1
data5-6-29-01124.txt	6	5	29	21	0.2	21	21.0	5046	11248	1	12	0.0	19.0	0.1
data5-6-29-01125.txt	6	5	29	21	0.2	21	21.0	5046	11080	0	4	0.0	20.0	0.1
data5-6-29-01126.txt	6	5	29	29	0.3	29	29.0	5046	11331	0	0	0.0	29.0	0.2
data5-6-29-01127.txt	6	5	29	23	0.3	23	23.0	5046	11249	0	4	0.0	21.0	0.2
data5-6-29-01128.txt	6	5	29	18	0.2	18	18.0	5046	11104	0	0	0.0	18.0	0.1
data5-6-29-01129.txt	6	5	29	19	0.2	19	19.0	5046	11234	0	0	0.0	18.5	0.2
data5-6-29-01130.txt	6	5	29	24	0.4	24	24.0	5046	11181	1	4	0.0	21.8	0.1
data5-6-29-01131.txt	6	5	29	21	0.3	21	21.0	5046	11243	0	0	0.0	19.5	0.2
data5-6-29-01132.txt	6	5	29	20	0.3	20	20.0	5046	11257	0	0	0.0	18.3	0.2
data5-6-29-01133.txt	6	5	29	15	0.2	15	15.0	5046	11087	0	0	0.0	15.0	0.1
data5-6-29-01134.txt	6	5	29	22	0.3	22	22.0	5046	11253	1	8	0.0	20.2	0.1
data5-6-29-01135.txt	6	5	29	19	0.2	19	19.0	5046	11188	0	0	0.0	19.0	0.1
data5-6-29-01136.txt	6	5	29	19	0.2	19	19.0	5046	11118	0	0	0.0	19.0	0.1
data5-6-29-01137.txt	6	5	29	18	0.2	18	18.0	5046	11126	0	0	0.0	18.0	0.1
data5-6-29-01138.txt	6	5	29	19	0.2	19	19.0	5046	11142	0	0	0.0	18.5	0.2
data5-6-29-01139.txt	6	5	29	20	0.2	20	20.0	5046	11150	0	0	0.0	19.5	0.1
data5-6-29-01140.txt	6	5	29	19	0.2	19	19.0	5046	11126	0	3	0.0	18.0	0.1
data5-6-29-01141.txt	6	5	29	20	0.2	20	20.0	5046	11262	0	0	0.0	20.0	0.1
data5-6-29-01142.txt	6	5	29	25	0.2	25	25.0	5046	11284	0	0	0.0	24.5	0.2
data5-6-29-01143.txt	6	5	29	18	0.1	18	18.0	5046	11137	0	0	0.0	18.0	0.1
data5-6-29-01144.txt	6	5	29	15	0.1	15	15.0	5046	11110	0	0	0.0	15.0	0.1
data5-6-29-01145.txt	6	5	29	19	0.2	19	19.0	5046	11173	0	0	0.0	19.0	0.1
data5-6-29-01146.txt	6	5	29	23	0.4	23	23.0	5046	11176	58	4	0.0	20.5	0.1
data5-6-29-01147.txt	6	5	29	23	0.2	23	23.0	5046	11221	0	2	0.0	22.0	0.2
data5-6-29-01148.txt	6	5	29	21	0.2	21	21.0	5046	11105	0	0	0.0	19.5	0.1
data5-6-29-01149.txt	6	5	29	16	0.2	16	16.0	5046	11240	0	0	0.0	14.5	0.1
data5-6-29-01150.txt	6	5	29	25	0.5	25	25.0	5046	11293	1	3	0.0	23.5	0.2
data5-6-29-01151.txt	6	5	29	19	0.4	19	19.0	5046	11127	46	23	0.0	17.0	0.2
data5-6-29-01152.txt	6	5	29	22	0.3	22	22.0	5046	11237	1	14	0.0	21.0	0.1
data5-6-29-01153.txt	6	5	29	25	0.2	25	25.0	5046	11121	1	6	0.0	21.0	0.1
data5-6-29-01154.txt	6	5	29	19	0.2	19	19.0	5046	11205	0	0	0.0	19.0	0.1
data5-6-29-01155.txt	6	5	29	19	0.3	19	19.0	5046	11285	0	0	0.0	18.0	0.2
data5-6-29-01156.txt	6	5	29	19	0.2	19	19.0	5046	11203	0	0	0.0	18.5	0.1
data5-6-29-01157.txt	6	5	29	20	0.2	20	20.0	5046	11169	0	0	0.0	20.0	0.1
data5-6-29-01158.txt	6	5	29	19	0.2	19	19.0	5046	11183	0	1	0.0	18.0	0.1
data5-6-29-01159.txt	6	5	29	15	0.2	15	15.0	5046	11182	0	2	0.0	14.0	0.1
data5-6-29-01160.txt	6	5	29	20	0.2	20	20.0	5046	11184	0	0	0.0	18.0	0.1
data5-6-29-01161.txt	6	5	29	27	0.3	27	27.0	5046	11272	1	3	0.0	23.0	0.2
data5-6-29-01162.txt	6	5	29	15	0.2	15	15.0	5046	11114	0	0	0.0	15.0	0.1
data5-6-29-01163.txt	6	5	29	23	0.3	23	23.0	5046	11213	0	1	0.0	22.0	0.2
data5-6-29-01164.txt	6	5	29	22	0.2	22	22.0	5046	11242	0	0	0.0	21.0	0.1
data5-6-29-01165.txt	6	5	29	25	0.2	25	25.0	5046	11282	0	10	0.0	23.0	0.1
data5-6-29-01166.txt	6	5	29	21	0.2	21	21.0	5046	11242	0	0	0.0	20.0	0.1
data5-6-29-01167.txt	6	5	29	26	0.4	26	26.0	5046	11250	1	9	0.0	24.2	0.2
data5-6-29-01168.txt	6	5	29	18	0.2	18	18.0	5046	11175	0	0	0.0	18.0	0.1
data5-6-29-01169.txt	6	5	29	16	0.2	16	16.0	5046	11189	0	0	0.0	14.5	0.1
data5-6-29-01170.txt	6	5	29	23	0.3	23	23.0	5046	11199	1	1	0.0	21.0	0.1
data5-6-29-01171.txt	6	5	29	27	0.5	27	27.0	5046	11359	22	21	0.0	24.0	0.2
data5-6-29-01172.txt	6	5	29	21	0.2	21	21.0	5046	11189	0	0	0.0	20.0	0.2
data5-6-29-01173.txt	6	5	29	19	0.2	19	19.0	5046	11201	0	0	0.0	19.0	0.1
data5-6-29-01174.txt	6	5	29	25	0.2	25	25.0	5046	11267	1	10	0.0	24.0	0.1
data5-6-29-01175.txt	6	5	29	20	0.2	20	20.0	5046	11242	0	0	0.0	20.0	0.1
data5-6-29-01176.txt	6	5	29	25	0.2	25	25.0	5046	11246	1	9	0.0	24.0	0.1
data5-6-29-01177.txt	6	5	29	21	0.2	21	21.0	5046	11344	0	0	0.0	20.5	0.1
data5-6-29-01178.txt	6	5	29	25	0.3	25	25.0	5046	11260	1	6	0.0	23.5	0.2
data5-6-29-01179.txt	6	5	29	22	0.2	22	22.0	5046	11114	0	8	0.0	21.0	0.1
data5-6-29-01180.txt	6	5	29	20	0.3	20	20.0	5046	11248	1	8	0.0	19.0	0.2
data5-6-29-01181.txt	6	5	29	19	0.3	19	19.0	5046	11135	1	2	0.0	17.3	0.1
data5-6-29-01182.txt	6	5	29	21	0.3	21	21.0	5046	11192	1	9	0.0	20.0	0.1
data5-6-29-01183.txt	6	5	29	23	0.2	23	23.0	5046	11221	0	0	0.0	23.0	0.1
data5-6-29-01184.txt	6	5	29	22	0.3	22	22.0	5046	11244	1	6	0.0	19.5	0.1
data5-6-29-01185.txt	6	5	29	18	0.2	18	18.0	5046	11109	1	3	0.0	17.0	0.1
data5-6-29-01186.txt	6	5	29	19	0.2	19	19.0	5046	11149	0	1	0.0	18.0	0.1
data5-6-29-01187.txt	6	5	29	21	0.2	21	21.0	5046	11230	0	0	0.0	20.0	0.1
data5-6-29-01188.txt	6	5	29	22	0.2	22	22.0	5046	11223	0	0	0.0	21.0	0.1
data5-6-29-01189.txt	6	5	29	20	0.2	20	20.0	5046	11225	0	0	0.0	19.5	0.1
data5-6-29-01190.txt	6	5	29	23	0.4	23	23.0	5046	11237	1	8	0.0	21.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-6-29-01191.txt	6	5	29	23	0.2	23	23.0	5046	11323	1	4	0.0	21.2	0.1
data5-6-29-01192.txt	6	5	29	13	0.1	13	13.0	5046	11038	0	0	0.0	12.5	0.1
data5-6-29-01193.txt	6	5	29	17	0.2	17	17.0	5046	11091	1	2	0.0	15.3	0.1
data5-6-29-01194.txt	6	5	29	22	0.6	22	22.0	5046	11179	43	14	0.0	19.5	0.2
data5-6-29-01195.txt	6	5	29	21	0.2	21	21.0	5046	11301	0	0	0.0	21.0	0.2
data5-6-29-01196.txt	6	5	29	22	0.2	22	22.0	5046	11267	0	0	0.0	20.5	0.1
data5-6-29-01197.txt	6	5	29	26	0.2	26	26.0	5046	11243	0	4	0.0	24.0	0.2
data5-6-29-01198.txt	6	5	29	16	0.2	16	16.0	5046	11202	1	4	0.0	15.0	0.1
data5-6-29-01199.txt	6	5	29	21	0.2	21	21.0	5046	11114	0	0	0.0	21.0	0.1
data5-6-29-01200.txt	6	5	29	23	0.4	23	23.0	5046	11306	1	1	0.0	21.2	0.2
data5-7-30-03201.txt	7	5	30	16	0.2	16	16.0	6300	13874	0	0	0.0	16.0	0.2
data5-7-30-03202.txt	7	5	30	21	0.5	21	21.0	6300	13958	1	13	0.0	20.0	0.3
data5-7-30-03203.txt	7	5	30	19	0.4	19	19.0	6300	14035	1	2	0.0	18.0	0.2
data5-7-30-03204.txt	7	5	30	20	0.3	20	20.0	6300	13929	0	0	0.0	19.5	0.2
data5-7-30-03205.txt	7	5	30	22	0.3	22	22.0	6300	13965	0	0	0.0	21.2	0.2
data5-7-30-03206.txt	7	5	30	23	0.5	23	23.0	6300	13956	16	55	0.0	21.5	0.2
data5-7-30-03207.txt	7	5	30	22	0.3	22	22.0	6300	14012	0	0	0.0	21.5	0.2
data5-7-30-03208.txt	7	5	30	18	0.3	18	18.0	6300	13945	0	0	0.0	18.0	0.2
data5-7-30-03209.txt	7	5	30	21	0.2	21	21.0	6300	13862	0	0	0.0	21.0	0.2
data5-7-30-03210.txt	7	5	30	17	0.3	17	17.0	6300	14012	0	0	0.0	17.0	0.2
data5-7-30-03211.txt	7	5	30	21	0.3	21	21.0	6300	13987	0	0	0.0	21.0	0.2
data5-7-30-03212.txt	7	5	30	20	1.3	20	20.0	6300	14049	65	0	0.0	17.2	0.2
data5-7-30-03213.txt	7	5	30	22	0.6	22	22.0	6300	14031	1	0	0.0	21.0	0.3
data5-7-30-03214.txt	7	5	30	16	0.2	16	16.0	6300	13887	0	0	0.0	16.0	0.2
data5-7-30-03215.txt	7	5	30	16	0.3	16	16.0	6300	14036	0	0	0.0	15.5	0.2
data5-7-30-03216.txt	7	5	30	26	0.6	26	26.0	6300	14084	1	0	0.0	23.5	0.3
data5-7-30-03217.txt	7	5	30	24	0.3	24	24.0	6300	13979	0	0	0.0	23.3	0.2
data5-7-30-03218.txt	7	5	30	19	0.2	19	19.0	6300	13938	0	0	0.0	19.0	0.2
data5-7-30-03219.txt	7	5	30	25	0.3	25	25.0	6300	14168	0	0	0.0	25.0	0.2
data5-7-30-03220.txt	7	5	30	19	0.2	19	19.0	6300	13929	0	0	0.0	19.0	0.2
data5-7-30-03221.txt	7	5	30	19	0.2	19	19.0	6300	13797	0	0	0.0	18.5	0.2
data5-7-30-03222.txt	7	5	30	20	0.3	20	20.0	6300	14096	0	0	0.0	19.5	0.2
data5-7-30-03223.txt	7	5	30	19	0.3	19	19.0	6300	13737	0	0	0.0	19.0	0.2
data5-7-30-03224.txt	7	5	30	20	0.4	20	20.0	6300	13965	0	0	0.0	19.0	0.2
data5-7-30-03225.txt	7	5	30	13	0.2	13	13.0	6300	13718	0	0	0.0	13.0	0.1
data5-7-30-03226.txt	7	5	30	21	0.3	21	21.0	6300	14006	0	0	0.0	19.5	0.2
data5-7-30-03227.txt	7	5	30	15	0.2	15	15.0	6300	13797	0	0	0.0	14.5	0.2
data5-7-30-03228.txt	7	5	30	16	0.2	16	16.0	6300	13715	0	0	0.0	16.0	0.2
data5-7-30-03229.txt	7	5	30	19	0.3	19	19.0	6300	13946	0	0	0.0	19.0	0.2
data5-7-30-03230.txt	7	5	30	23	0.5	23	23.0	6300	14010	1	5	0.0	22.0	0.2
data5-7-30-03231.txt	7	5	30	21	0.2	21	21.0	6300	13856	0	0	0.0	21.0	0.2
data5-7-30-03232.txt	7	5	30	21	0.2	21	21.0	6300	13752	0	0	0.0	21.0	0.2
data5-7-30-03233.txt	7	5	30	20	0.2	20	20.0	6300	13767	0	0	0.0	19.5	0.2
data5-7-30-03234.txt	7	5	30	23	0.8	23	23.0	6300	13919	1	0	0.0	21.0	0.2
data5-7-30-03235.txt	7	5	30	24	0.3	24	24.0	6300	14022	0	0	0.0	24.0	0.2
data5-7-30-03236.txt	7	5	30	21	0.4	21	21.0	6300	13971	0	5	0.0	20.0	0.2
data5-7-30-03237.txt	7	5	30	17	0.2	17	17.0	6300	13802	0	0	0.0	17.0	0.2
data5-7-30-03238.txt	7	5	30	16	0.2	16	16.0	6300	13862	0	0	0.0	16.0	0.2
data5-7-30-03239.txt	7	5	30	18	0.3	18	18.0	6300	14054	0	0	0.0	18.0	0.2
data5-7-30-03240.txt	7	5	30	21	0.3	21	21.0	6300	13956	0	0	0.0	21.0	0.2
data5-7-30-03241.txt	7	5	30	21	0.3	21	21.0	6300	13969	0	0	0.0	20.5	0.2
data5-7-30-03242.txt	7	5	30	24	0.3	24	24.0	6300	13949	0	5	0.0	22.0	0.2
data5-7-30-03243.txt	7	5	30	19	0.3	19	19.0	6300	13958	0	0	0.0	19.0	0.2
data5-7-30-03244.txt	7	5	30	24	0.6	24	24.0	6300	13957	1	0	0.0	22.5	0.2
data5-7-30-03245.txt	7	5	30	26	0.8	26	26.0	6300	14098	1	6	0.0	23.8	0.2
data5-7-30-03246.txt	7	5	30	20	0.3	20	20.0	6300	13996	0	0	0.0	19.5	0.2
data5-7-30-03247.txt	7	5	30	21	0.3	21	21.0	6300	13950	0	0	0.0	21.0	0.2
data5-7-30-03248.txt	7	5	30	21	0.3	21	21.0	6300	13977	0	0	0.0	20.5	0.2
data5-7-30-03249.txt	7	5	30	29	1.1	29	29.0	6300	14024	1	0	0.0	26.5	0.2
data5-7-30-03250.txt	7	5	30	22	0.3	22	22.0	6300	13819	0	0	0.0	21.5	0.2
data5-7-30-03251.txt	7	5	30	18	0.2	18	18.0	6300	13877	0	0	0.0	18.0	0.2
data5-7-30-03252.txt	7	5	30	21	0.3	21	21.0	6300	14025	0	0	0.0	20.2	0.2
data5-7-30-03253.txt	7	5	30	23	0.6	23	23.0	6300	14106	1	2	0.0	21.3	0.2
data5-7-30-03254.txt	7	5	30	19	0.3	19	19.0	6300	13880	0	0	0.0	18.5	0.2
data5-7-30-03255.txt	7	5	30	19	0.3	19	19.0	6300	14054	0	0	0.0	18.0	0.2
data5-7-30-03256.txt	7	5	30	24	0.5	24	24.0	6300	14085	0	0	0.0	22.5	0.3
data5-7-30-03257.txt	7	5	30	25	0.5	25	25.0	6300	14063	0	0	0.0	24.0	0.3
data5-7-30-03258.txt	7	5	30	27	0.5	27	27.0	6300	14141	0	0	0.0	27.0	0.3
data5-7-30-03259.txt	7	5	30	16	0.2	16	16.0	6300	13895	0	0	0.0	16.0	0.2
data5-7-30-03260.txt	7	5	30	17	0.2	17	17.0	6300	13843	0	0	0.0	17.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-7-30-03261.txt	7	5	30	18	0.2	18	18.0	6300	14027	0	6	0.0	16.0	0.2
data5-7-30-03262.txt	7	5	30	16	0.3	16	16.0	6300	13857	0	0	0.0	15.7	0.2
data5-7-30-03263.txt	7	5	30	22	0.4	22	22.0	6300	14042	0	0	0.0	21.2	0.3
data5-7-30-03264.txt	7	5	30	19	0.3	19	19.0	6300	13908	0	0	0.0	19.0	0.2
data5-7-30-03265.txt	7	5	30	18	0.3	18	18.0	6300	14080	0	0	0.0	17.1	0.2
data5-7-30-03266.txt	7	5	30	16	0.2	16	16.0	6300	13830	0	0	0.0	15.3	0.2
data5-7-30-03267.txt	7	5	30	23	0.7	23	23.0	6300	13970	1	1	0.0	21.0	0.3
data5-7-30-03268.txt	7	5	30	17	0.5	17	17.0	6300	13952	1	0	0.0	15.0	0.2
data5-7-30-03269.txt	7	5	30	13	0.2	13	13.0	6300	13796	0	0	0.0	13.0	0.1
data5-7-30-03270.txt	7	5	30	20	0.3	20	20.0	6300	13889	0	3	0.0	19.0	0.2
data5-7-30-03271.txt	7	5	30	29	2.5	29	29.0	6300	14111	98	2	0.0	24.8	0.3
data5-7-30-03272.txt	7	5	30	18	0.3	18	18.0	6300	13796	0	0	0.0	18.0	0.2
data5-7-30-03273.txt	7	5	30	21	0.3	21	21.0	6300	13987	0	0	0.0	20.5	0.2
data5-7-30-03274.txt	7	5	30	23	0.9	23	23.0	6300	14046	1	25	0.0	21.2	0.3
data5-7-30-03275.txt	7	5	30	21	0.3	21	21.0	6300	13898	0	1	0.0	20.0	0.2
data5-7-30-03276.txt	7	5	30	19	0.3	19	19.0	6300	14011	0	0	0.0	19.0	0.2
data5-7-30-03277.txt	7	5	30	22	0.4	22	22.0	6300	13988	1	2	0.0	21.0	0.2
data5-7-30-03278.txt	7	5	30	14	0.2	14	14.0	6300	13836	0	0	0.0	14.0	0.1
data5-7-30-03279.txt	7	5	30	20	0.3	20	20.0	6300	13964	0	0	0.0	20.0	0.2
data5-7-30-03280.txt	7	5	30	21	0.4	21	21.0	6300	14035	0	0	0.0	19.5	0.2
data5-7-30-03281.txt	7	5	30	14	0.2	14	14.0	6300	13785	0	0	0.0	14.0	0.1
data5-7-30-03282.txt	7	5	30	16	0.3	16	16.0	6300	13805	0	0	0.0	15.2	0.2
data5-7-30-03283.txt	7	5	30	17	0.3	17	17.0	6300	13934	0	0	0.0	17.0	0.2
data5-7-30-03284.txt	7	5	30	21	0.5	21	21.0	6300	13987	1	10	0.0	19.0	0.2
data5-7-30-03285.txt	7	5	30	21	0.3	21	21.0	6300	13909	0	0	0.0	20.0	0.2
data5-7-30-03286.txt	7	5	30	18	0.3	18	18.0	6300	13963	1	12	0.0	17.0	0.2
data5-7-30-03287.txt	7	5	30	19	0.4	19	19.0	6300	13965	0	0	0.0	18.0	0.2
data5-7-30-03288.txt	7	5	30	16	0.2	16	16.0	6300	13824	0	0	0.0	16.0	0.2
data5-7-30-03289.txt	7	5	30	18	0.5	18	18.0	6300	13773	1	18	0.0	16.0	0.2
data5-7-30-03290.txt	7	5	30	15	0.3	15	15.0	6300	13663	0	0	0.0	15.0	0.2
data5-7-30-03291.txt	7	5	30	22	0.3	22	22.0	6300	14035	0	0	0.0	21.1	0.2
data5-7-30-03292.txt	7	5	30	17	0.2	17	17.0	6300	13860	0	0	0.0	17.0	0.2
data5-7-30-03293.txt	7	5	30	17	0.2	17	17.0	6300	13862	0	0	0.0	17.0	0.2
data5-7-30-03294.txt	7	5	30	22	0.8	22	22.0	6300	13933	1	0	0.0	20.0	0.2
data5-7-30-03295.txt	7	5	30	21	0.3	21	21.0	6300	13918	0	0	0.0	21.0	0.2
data5-7-30-03296.txt	7	5	30	24	0.4	24	24.0	6300	14103	0	0	0.0	22.4	0.3
data5-7-30-03297.txt	7	5	30	23	0.4	23	23.0	6300	13991	0	0	0.0	22.0	0.2
data5-7-30-03298.txt	7	5	30	22	0.4	22	22.0	6300	13944	0	0	0.0	22.0	0.2
data5-7-30-03299.txt	7	5	30	27	0.9	27	27.0	6300	13984	1	0	0.0	25.0	0.4
data5-7-30-03300.txt	7	5	30	21	0.4	21	21.0	6300	13969	1	10	0.0	19.0	0.2
data5-7-31-03301.txt	7	5	31	25	0.7	25	25.0	6727	14986	1	15	0.0	24.0	0.4
data5-7-31-03302.txt	7	5	31	18	0.2	18	18.0	6727	14656	0	0	0.0	18.0	0.2
data5-7-31-03303.txt	7	5	31	22	0.4	22	22.0	6727	14949	0	0	0.0	22.0	0.2
data5-7-31-03304.txt	7	5	31	25	0.4	25	25.0	6727	14970	0	0	0.0	24.5	0.2
data5-7-31-03305.txt	7	5	31	23	0.4	23	23.0	6727	14838	0	0	0.0	22.2	0.3
data5-7-31-03306.txt	7	5	31	22	0.3	22	22.0	6727	14862	0	0	0.0	22.0	0.2
data5-7-31-03307.txt	7	5	31	26	0.8	26	26.0	6727	14961	1	0	0.0	25.0	0.3
data5-7-31-03308.txt	7	5	31	31	1.4	31	31.0	6727	14994	28	23	0.0	27.3	0.3
data5-7-31-03309.txt	7	5	31	16	0.3	16	16.0	6727	14801	0	0	0.0	16.0	0.2
data5-7-31-03310.txt	7	5	31	19	0.2	19	19.0	6727	14804	0	0	0.0	18.5	0.2
data5-7-31-03311.txt	7	5	31	23	0.3	23	23.0	6727	14886	0	0	0.0	23.0	0.2
data5-7-31-03312.txt	7	5	31	20	0.3	20	20.0	6727	14791	1	13	0.0	19.0	0.2
data5-7-31-03313.txt	7	5	31	24	0.3	24	24.0	6727	14822	0	0	0.0	23.5	0.2
data5-7-31-03314.txt	7	5	31	23	1.2	23	23.0	6727	14905	1	4	0.0	20.8	0.3
data5-7-31-03315.txt	7	5	31	25	0.8	25	25.0	6727	14843	1	3	0.0	22.6	0.2
data5-7-31-03316.txt	7	5	31	22	0.4	22	22.0	6727	14738	0	0	0.0	21.0	0.2
data5-7-31-03317.txt	7	5	31	17	0.3	17	17.0	6727	14841	1	5	0.0	16.0	0.2
data5-7-31-03318.txt	7	5	31	28	0.4	28	28.0	6727	15043	0	0	0.0	27.5	0.3
data5-7-31-03319.txt	7	5	31	19	0.3	19	19.0	6727	14915	0	0	0.0	19.0	0.2
data5-7-31-03320.txt	7	5	31	19	0.3	19	19.0	6727	14788	0	0	0.0	18.0	0.2
data5-7-31-03321.txt	7	5	31	18	0.3	18	18.0	6727	14861	0	0	0.0	18.0	0.2
data5-7-31-03322.txt	7	5	31	20	0.3	20	20.0	6727	14794	0	0	0.0	19.3	0.2
data5-7-31-03323.txt	7	5	31	26	0.7	26	26.0	6727	15013	1	7	0.0	23.0	0.2
data5-7-31-03324.txt	7	5	31	24	0.4	24	24.0	6727	14840	0	0	0.0	23.0	0.3
data5-7-31-03325.txt	7	5	31	20	0.7	20	20.0	6727	14915	1	0	0.0	17.0	0.2
data5-7-31-03326.txt	7	5	31	17	0.2	17	17.0	6727	14781	0	1	0.0	16.0	0.2
data5-7-31-03327.txt	7	5	31	14	0.2	14	14.0	6727	14779	0	0	0.0	14.0	0.2
data5-7-31-03328.txt	7	5	31	20	0.3	20	20.0	6727	14794	0	0	0.0	20.0	0.2
data5-7-31-03329.txt	7	5	31	16	0.2	16	16.0	6727	14661	0	0	0.0	16.0	0.2
data5-7-31-03330.txt	7	5	31	26	1.4	26	26.0	6727	14939	7	8	0.0	24.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-7-31-03331.txt	7	5	31	24	0.4	24	24.0	6727	14913	1	4	0.0	22.0	0.2
data5-7-31-03332.txt	7	5	31	23	0.5	23	23.0	6727	15046	0	0	0.0	23.0	0.3
data5-7-31-03333.txt	7	5	31	25	0.7	25	25.0	6727	15037	1	2	0.0	23.0	0.3
data5-7-31-03334.txt	7	5	31	21	0.6	21	21.0	6727	14894	1	18	0.0	20.0	0.2
data5-7-31-03335.txt	7	5	31	22	0.8	22	22.0	6727	14829	1	0	0.0	20.0	0.3
data5-7-31-03336.txt	7	5	31	20	0.3	20	20.0	6727	14921	0	0	0.0	20.0	0.2
data5-7-31-03337.txt	7	5	31	23	0.4	23	23.0	6727	14914	1	1	0.0	21.0	0.2
data5-7-31-03338.txt	7	5	31	21	0.3	21	21.0	6727	14925	0	0	0.0	20.5	0.2
data5-7-31-03339.txt	7	5	31	22	0.4	22	22.0	6727	14886	0	0	0.0	22.0	0.2
data5-7-31-03340.txt	7	5	31	21	0.2	21	21.0	6727	14673	0	0	0.0	21.0	0.2
data5-7-31-03341.txt	7	5	31	17	0.3	17	17.0	6727	14824	0	0	0.0	17.0	0.2
data5-7-31-03342.txt	7	5	31	29	0.8	29	29.0	6727	15181	0	0	0.0	27.5	0.3
data5-7-31-03343.txt	7	5	31	22	0.4	22	22.0	6727	14941	0	0	0.0	22.0	0.2
data5-7-31-03344.txt	7	5	31	18	0.8	18	18.0	6727	14827	1	0	0.0	15.5	0.2
data5-7-31-03345.txt	7	5	31	22	0.5	22	22.0	6727	14978	1	11	0.0	21.0	0.3
data5-7-31-03346.txt	7	5	31	22	0.4	22	22.0	6727	14933	0	0	0.0	22.0	0.3
data5-7-31-03347.txt	7	5	31	28	0.6	28	28.0	6727	15130	1	19	0.0	27.0	0.3
data5-7-31-03348.txt	7	5	31	21	0.3	21	21.0	6727	14762	0	0	0.0	20.0	0.2
data5-7-31-03349.txt	7	5	31	20	0.3	20	20.0	6727	14659	0	0	0.0	20.0	0.2
data5-7-31-03350.txt	7	5	31	26	0.5	26	26.0	6727	14979	1	21	0.0	25.0	0.2
data5-7-31-03351.txt	7	5	31	24	0.5	24	24.0	6727	14797	7	15	0.0	22.1	0.2
data5-7-31-03352.txt	7	5	31	22	0.5	22	22.0	6727	15013	1	4	0.0	20.7	0.2
data5-7-31-03353.txt	7	5	31	21	0.3	21	21.0	6727	14838	0	0	0.0	21.0	0.3
data5-7-31-03354.txt	7	5	31	20	0.3	20	20.0	6727	14924	0	0	0.0	19.0	0.2
data5-7-31-03355.txt	7	5	31	18	0.3	18	18.0	6727	14818	0	0	0.0	18.0	0.2
data5-7-31-03356.txt	7	5	31	26	0.4	26	26.0	6727	14861	0	0	0.0	25.3	0.2
data5-7-31-03357.txt	7	5	31	24	0.3	24	24.0	6727	14913	0	2	0.0	23.0	0.2
data5-7-31-03358.txt	7	5	31	21	0.3	21	21.0	6727	14896	0	0	0.0	20.0	0.2
data5-7-31-03359.txt	7	5	31	17	0.3	17	17.0	6727	14873	0	0	0.0	17.0	0.2
data5-7-31-03360.txt	7	5	31	21	0.4	21	21.0	6727	14953	1	4	0.0	20.0	0.2
data5-7-31-03361.txt	7	5	31	27	2.6	27	27.0	6727	15016	164	7	0.0	23.0	0.4
data5-7-31-03362.txt	7	5	31	29	1.3	29	29.0	6727	15121	1	4	0.0	27.0	0.4
data5-7-31-03363.txt	7	5	31	22	0.3	22	22.0	6727	14887	0	0	0.0	22.0	0.2
data5-7-31-03364.txt	7	5	31	20	0.3	20	20.0	6727	14966	0	0	0.0	20.0	0.2
data5-7-31-03365.txt	7	5	31	23	0.8	23	23.0	6727	14990	1	23	0.0	21.0	0.2
data5-7-31-03366.txt	7	5	31	22	0.5	22	22.0	6727	14825	1	0	0.0	21.0	0.2
data5-7-31-03367.txt	7	5	31	25	0.6	25	25.0	6727	14962	1	0	0.0	22.3	0.2
data5-7-31-03368.txt	7	5	31	23	0.4	23	23.0	6727	15019	0	0	0.0	22.0	0.2
data5-7-31-03369.txt	7	5	31	20	0.3	20	20.0	6727	14911	0	0	0.0	19.5	0.2
data5-7-31-03370.txt	7	5	31	16	0.2	16	16.0	6727	14746	0	0	0.0	15.5	0.2
data5-7-31-03371.txt	7	5	31	17	0.2	17	17.0	6727	14830	0	0	0.0	17.0	0.2
data5-7-31-03372.txt	7	5	31	20	0.3	20	20.0	6727	14680	1	11	0.0	19.0	0.2
data5-7-31-03373.txt	7	5	31	15	0.2	15	15.0	6727	14635	0	0	0.0	15.0	0.2
data5-7-31-03374.txt	7	5	31	17	0.2	17	17.0	6727	14829	0	0	0.0	17.0	0.2
data5-7-31-03375.txt	7	5	31	29	1.0	29	29.0	6727	14984	1	0	0.0	27.0	0.4
data5-7-31-03376.txt	7	5	31	26	0.6	26	26.0	6727	15003	1	16	0.0	25.0	0.3
data5-7-31-03377.txt	7	5	31	18	0.2	18	18.0	6727	14789	0	0	0.0	18.0	0.2
data5-7-31-03378.txt	7	5	31	19	0.3	19	19.0	6727	14906	0	0	0.0	19.0	0.2
data5-7-31-03379.txt	7	5	31	18	0.3	18	18.0	6727	14800	1	9	0.0	16.0	0.2
data5-7-31-03380.txt	7	5	31	22	0.2	22	22.0	6727	14847	0	2	0.0	21.0	0.2
data5-7-31-03381.txt	7	5	31	23	0.5	23	23.0	6727	14929	0	0	0.0	22.0	0.3
data5-7-31-03382.txt	7	5	31	23	2.1	23	23.0	6727	14878	263	0	0.0	19.0	0.3
data5-7-31-03383.txt	7	5	31	20	0.3	20	20.0	6727	14969	0	0	0.0	20.0	0.2
data5-7-31-03384.txt	7	5	31	17	0.3	17	17.0	6727	14982	0	0	0.0	16.5	0.2
data5-7-31-03385.txt	7	5	31	22	0.3	22	22.0	6727	14917	0	0	0.0	22.0	0.2
data5-7-31-03386.txt	7	5	31	18	0.3	18	18.0	6727	14742	0	0	0.0	18.0	0.2
data5-7-31-03387.txt	7	5	31	22	0.4	22	22.0	6727	15015	0	0	0.0	20.8	0.2
data5-7-31-03388.txt	7	5	31	29	0.7	29	29.0	6727	15059	1	0	0.0	27.0	0.3
data5-7-31-03389.txt	7	5	31	22	0.3	22	22.0	6727	14986	0	0	0.0	21.5	0.2
data5-7-31-03390.txt	7	5	31	21	0.3	21	21.0	6727	14957	0	0	0.0	21.0	0.2
data5-7-31-03391.txt	7	5	31	28	0.8	28	28.0	6727	15024	1	3	0.0	26.0	0.4
data5-7-31-03392.txt	7	5	31	25	1.1	25	25.0	6727	14944	1	0	0.0	21.5	0.3
data5-7-31-03393.txt	7	5	31	21	0.3	21	21.0	6727	14915	0	0	0.0	21.0	0.2
data5-7-31-03394.txt	7	5	31	22	0.3	22	22.0	6727	14857	0	0	0.0	22.0	0.2
data5-7-31-03395.txt	7	5	31	20	0.3	20	20.0	6727	14838	0	0	0.0	20.0	0.2
data5-7-31-03396.txt	7	5	31	25	0.4	25	25.0	6727	14944	0	0	0.0	25.0	0.3
data5-7-31-03397.txt	7	5	31	25	0.7	25	25.0	6727	15081	1	0	0.0	22.5	0.3
data5-7-31-03398.txt	7	5	31	23	0.4	23	23.0	6727	14947	0	0	0.0	21.8	0.2
data5-7-31-03399.txt	7	5	31	22	0.3	22	22.0	6727	14826	0	0	0.0	21.7	0.2
data5-7-31-03400.txt	7	5	31	21	0.3	21	21.0	6727	14767	1	10	0.0	19.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-7-32-03401.txt	7	5	32	16	0.2	16	16.0	7168	15603	0	3	0.0	15.0	0.2
data5-7-32-03402.txt	7	5	32	23	0.8	23	23.0	7168	16014	1	0	0.0	21.0	0.2
data5-7-32-03403.txt	7	5	32	26	0.4	26	26.0	7168	15862	0	0	0.0	26.0	0.3
data5-7-32-03404.txt	7	5	32	22	0.2	22	22.0	7168	15636	0	0	0.0	21.5	0.2
data5-7-32-03405.txt	7	5	32	24	0.4	24	24.0	7168	15866	0	0	0.0	24.0	0.2
data5-7-32-03406.txt	7	5	32	18	0.3	18	18.0	7168	15814	0	0	0.0	18.0	0.2
data5-7-32-03407.txt	7	5	32	25	0.4	25	25.0	7168	15845	0	1	0.0	24.0	0.2
data5-7-32-03408.txt	7	5	32	25	0.3	25	25.0	7168	15800	1	4	0.0	23.0	0.2
data5-7-32-03409.txt	7	5	32	24	0.3	24	24.0	7168	15862	0	0	0.0	22.5	0.2
data5-7-32-03410.txt	7	5	32	20	0.3	20	20.0	7168	15773	0	0	0.0	20.0	0.2
data5-7-32-03411.txt	7	5	32	31	1.0	31	31.0	7168	16080	1	7	0.0	28.2	0.3
data5-7-32-03412.txt	7	5	32	20	0.3	20	20.0	7168	15795	0	0	0.0	20.0	0.2
data5-7-32-03413.txt	7	5	32	26	0.5	26	26.0	7168	15986	1	16	0.0	25.0	0.2
data5-7-32-03414.txt	7	5	32	31	0.7	31	31.0	7168	16088	1	10	0.0	26.0	0.2
data5-7-32-03415.txt	7	5	32	24	1.0	24	24.0	7168	15871	1	15	0.0	21.5	0.3
data5-7-32-03416.txt	7	5	32	17	0.3	17	17.0	7168	15723	0	4	0.0	16.0	0.2
data5-7-32-03417.txt	7	5	32	24	0.4	24	24.0	7168	15921	0	0	0.0	23.5	0.2
data5-7-32-03418.txt	7	5	32	27	1.1	27	27.0	7168	15987	1	8	0.0	24.0	0.3
data5-7-32-03419.txt	7	5	32	24	0.6	24	24.0	7168	15759	1	0	0.0	23.0	0.3
data5-7-32-03420.txt	7	5	32	17	0.3	17	17.0	7168	15696	0	0	0.0	17.0	0.2
data5-7-32-03421.txt	7	5	32	21	0.3	21	21.0	7168	15785	0	0	0.0	21.0	0.2
data5-7-32-03422.txt	7	5	32	26	0.5	26	26.0	7168	15826	1	8	0.0	23.7	0.2
data5-7-32-03423.txt	7	5	32	24	0.3	24	24.0	7168	16040	0	3	0.0	23.0	0.2
data5-7-32-03424.txt	7	5	32	21	0.3	21	21.0	7168	15831	0	0	0.0	21.0	0.2
data5-7-32-03425.txt	7	5	32	20	0.3	20	20.0	7168	15792	0	0	0.0	19.5	0.2
data5-7-32-03426.txt	7	5	32	26	0.3	26	26.0	7168	16192	0	0	0.0	26.0	0.2
data5-7-32-03427.txt	7	5	32	24	0.4	24	24.0	7168	15947	1	17	0.0	23.0	0.3
data5-7-32-03428.txt	7	5	32	27	0.8	27	27.0	7168	15934	10	12	0.0	22.5	0.3
data5-7-32-03429.txt	7	5	32	21	0.4	21	21.0	7168	15805	0	0	0.0	20.0	0.2
data5-7-32-03430.txt	7	5	32	18	0.3	18	18.0	7168	15656	0	0	0.0	18.0	0.2
data5-7-32-03431.txt	7	5	32	22	0.3	22	22.0	7168	15815	0	0	0.0	22.0	0.2
data5-7-32-03432.txt	7	5	32	20	0.3	20	20.0	7168	15824	1	5	0.0	18.5	0.2
data5-7-32-03433.txt	7	5	32	22	0.4	22	22.0	7168	15816	1	1	0.0	20.5	0.2
data5-7-32-03434.txt	7	5	32	20	0.4	20	20.0	7168	15745	0	0	0.0	20.0	0.2
data5-7-32-03435.txt	7	5	32	18	0.3	18	18.0	7168	15762	0	0	0.0	17.0	0.2
data5-7-32-03436.txt	7	5	32	27	7.5	27	27.0	7168	16038	1328	74	0.0	24.0	0.4
data5-7-32-03437.txt	7	5	32	20	0.3	20	20.0	7168	15876	0	0	0.0	19.0	0.2
data5-7-32-03438.txt	7	5	32	19	0.3	19	19.0	7168	15766	0	2	0.0	18.0	0.2
data5-7-32-03439.txt	7	5	32	23	0.3	23	23.0	7168	15885	0	0	0.0	22.3	0.2
data5-7-32-03440.txt	7	5	32	28	0.8	28	28.0	7168	15831	1	3	0.0	24.0	0.2
data5-7-32-03441.txt	7	5	32	18	0.3	18	18.0	7168	15791	0	1	0.0	17.0	0.2
data5-7-32-03442.txt	7	5	32	22	0.3	22	22.0	7168	15804	0	0	0.0	22.0	0.2
data5-7-32-03443.txt	7	5	32	23	0.4	23	23.0	7168	15867	0	0	0.0	23.0	0.2
data5-7-32-03444.txt	7	5	32	28	0.6	28	28.0	7168	15937	0	0	0.0	26.5	0.3
data5-7-32-03445.txt	7	5	32	14	0.2	14	14.0	7168	15797	0	0	0.0	13.5	0.2
data5-7-32-03446.txt	7	5	32	25	0.7	25	25.0	7168	15840	1	6	0.0	23.0	0.3
data5-7-32-03447.txt	7	5	32	21	0.3	21	21.0	7168	15741	0	2	0.0	20.0	0.2
data5-7-32-03448.txt	7	5	32	23	0.4	23	23.0	7168	15881	0	0	0.0	23.0	0.2
data5-7-32-03449.txt	7	5	32	22	0.3	22	22.0	7168	15779	0	0	0.0	22.0	0.2
data5-7-32-03450.txt	7	5	32	20	0.3	20	20.0	7168	15928	0	0	0.0	19.5	0.2
data5-7-32-03451.txt	7	5	32	21	0.3	21	21.0	7168	15986	0	0	0.0	20.5	0.2
data5-7-32-03452.txt	7	5	32	28	0.8	28	28.0	7168	16099	1	19	0.0	24.0	0.2
data5-7-32-03453.txt	7	5	32	20	0.3	20	20.0	7168	15833	0	0	0.0	20.0	0.2
data5-7-32-03454.txt	7	5	32	27	1.6	27	27.0	7168	15747	55	28	0.0	24.5	0.2
data5-7-32-03455.txt	7	5	32	18	0.2	18	18.0	7168	15605	0	1	0.0	17.0	0.2
data5-7-32-03456.txt	7	5	32	26	0.4	26	26.0	7168	15881	1	5	0.0	24.6	0.2
data5-7-32-03457.txt	7	5	32	21	0.3	21	21.0	7168	15761	0	2	0.0	20.0	0.2
data5-7-32-03458.txt	7	5	32	21	0.3	21	21.0	7168	15881	0	0	0.0	20.5	0.2
data5-7-32-03459.txt	7	5	32	26	0.4	26	26.0	7168	16021	0	0	0.0	26.0	0.3
data5-7-32-03460.txt	7	5	32	20	0.3	20	20.0	7168	15738	0	1	0.0	19.0	0.2
data5-7-32-03461.txt	7	5	32	25	0.8	25	25.0	7168	15991	1	0	0.0	22.3	0.3
data5-7-32-03462.txt	7	5	32	22	0.4	22	22.0	7168	15867	1	2	0.0	20.0	0.2
data5-7-32-03463.txt	7	5	32	20	0.3	20	20.0	7168	15875	1	3	0.0	18.0	0.2
data5-7-32-03464.txt	7	5	32	30	1.2	30	30.0	7168	15729	16	16	0.0	27.0	0.3
data5-7-32-03465.txt	7	5	32	20	0.4	20	20.0	7168	15741	0	0	0.0	19.0	0.2
data5-7-32-03466.txt	7	5	32	20	0.3	20	20.0	7168	15795	0	0	0.0	20.0	0.2
data5-7-32-03467.txt	7	5	32	24	0.5	24	24.0	7168	15914	1	1	0.0	22.0	0.2
data5-7-32-03468.txt	7	5	32	25	0.4	25	25.0	7168	15857	0	2	0.0	23.5	0.2
data5-7-32-03469.txt	7	5	32	21	0.3	21	21.0	7168	15958	0	0	0.0	21.0	0.2
data5-7-32-03470.txt	7	5	32	19	0.3	19	19.0	7168	15671	0	0	0.0	19.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-7-32-03471.txt	7	5	32	27	0.6	27	27.0	7168	15996	1	6	0.0	26.0	0.2
data5-7-32-03472.txt	7	5	32	27	0.9	27	27.0	7168	15947	1	2	0.0	25.0	0.3
data5-7-32-03473.txt	7	5	32	31	0.6	31	31.0	7168	15843	1	4	0.0	26.5	0.2
data5-7-32-03474.txt	7	5	32	21	0.3	21	21.0	7168	15946	0	0	0.0	21.0	0.2
data5-7-32-03475.txt	7	5	32	24	0.4	24	24.0	7168	15889	0	0	0.0	23.5	0.3
data5-7-32-03476.txt	7	5	32	14	0.2	14	14.0	7168	15535	0	0	0.0	14.0	0.2
data5-7-32-03477.txt	7	5	32	20	0.3	20	20.0	7168	15663	0	0	0.0	19.5	0.2
data5-7-32-03478.txt	7	5	32	24	0.3	24	24.0	7168	15895	0	0	0.0	24.0	0.2
data5-7-32-03479.txt	7	5	32	21	0.3	21	21.0	7168	15754	0	0	0.0	21.0	0.2
data5-7-32-03480.txt	7	5	32	21	0.3	21	21.0	7168	15862	0	0	0.0	21.0	0.2
data5-7-32-03481.txt	7	5	32	27	0.5	27	27.0	7168	15853	1	9	0.0	25.3	0.2
data5-7-32-03482.txt	7	5	32	26	0.4	26	26.0	7168	16048	0	0	0.0	25.3	0.3
data5-7-32-03483.txt	7	5	32	21	0.3	21	21.0	7168	15967	0	0	0.0	20.5	0.2
data5-7-32-03484.txt	7	5	32	27	1.4	27	27.0	7168	15988	93	34	0.0	24.5	0.3
data5-7-32-03485.txt	7	5	32	24	0.5	24	24.0	7168	15791	1	2	0.0	22.0	0.2
data5-7-32-03486.txt	7	5	32	24	0.3	24	24.0	7168	15799	0	0	0.0	23.0	0.2
data5-7-32-03487.txt	7	5	32	24	0.3	24	24.0	7168	15780	0	0	0.0	24.0	0.2
data5-7-32-03488.txt	7	5	32	18	0.2	18	18.0	7168	15808	0	0	0.0	18.0	0.2
data5-7-32-03489.txt	7	5	32	20	0.3	20	20.0	7168	15785	0	0	0.0	20.0	0.2
data5-7-32-03490.txt	7	5	32	28	1.2	28	28.0	7168	15917	10	16	0.0	25.5	0.4
data5-7-32-03491.txt	7	5	32	21	0.8	21	21.0	7168	15697	1	0	0.0	19.0	0.2
data5-7-32-03492.txt	7	5	32	27	0.5	27	27.0	7168	15846	1	16	0.0	25.5	0.2
data5-7-32-03493.txt	7	5	32	20	0.3	20	20.0	7168	15733	0	0	0.0	19.5	0.2
data5-7-32-03494.txt	7	5	32	20	0.3	20	20.0	7168	15847	0	0	0.0	20.0	0.2
data5-7-32-03495.txt	7	5	32	29	0.7	29	29.0	7168	15996	1	0	0.0	26.7	0.3
data5-7-32-03496.txt	7	5	32	20	0.3	20	20.0	7168	15812	0	0	0.0	19.0	0.2
data5-7-32-03497.txt	7	5	32	22	0.4	22	22.0	7168	15746	0	0	0.0	20.8	0.2
data5-7-32-03498.txt	7	5	32	16	0.3	16	16.0	7168	15654	0	0	0.0	16.0	0.2
data5-7-32-03499.txt	7	5	32	25	0.5	25	25.0	7168	15921	1	7	0.0	23.5	0.2
data5-7-32-03500.txt	7	5	32	18	0.3	18	18.0	7168	15755	0	0	0.0	18.0	0.2
data5-7-33-03501.txt	7	5	33	16	0.2	16	16.0	7623	16618	0	0	0.0	16.0	0.2
data5-7-33-03502.txt	7	5	33	21	0.3	21	21.0	7623	16890	0	8	0.0	20.0	0.2
data5-7-33-03503.txt	7	5	33	22	0.3	22	22.0	7623	16920	0	2	0.0	21.0	0.2
data5-7-33-03504.txt	7	5	33	24	0.4	24	24.0	7623	16892	0	0	0.0	23.5	0.3
data5-7-33-03505.txt	7	5	33	22	0.3	22	22.0	7623	16794	0	1	0.0	21.0	0.2
data5-7-33-03506.txt	7	5	33	20	0.3	20	20.0	7623	16639	0	0	0.0	20.0	0.2
data5-7-33-03507.txt	7	5	33	25	0.4	25	25.0	7623	16830	0	0	0.0	24.3	0.2
data5-7-33-03508.txt	7	5	33	20	0.3	20	20.0	7623	16891	0	0	0.0	20.0	0.2
data5-7-33-03509.txt	7	5	33	22	0.3	22	22.0	7623	16885	0	0	0.0	21.5	0.2
data5-7-33-03510.txt	7	5	33	26	0.6	26	26.0	7623	17006	0	0	0.0	24.3	0.3
data5-7-33-03511.txt	7	5	33	29	0.5	29	29.0	7623	16836	0	4	0.0	27.8	0.2
data5-7-33-03512.txt	7	5	33	23	0.3	23	23.0	7623	16703	0	0	0.0	23.0	0.2
data5-7-33-03513.txt	7	5	33	24	0.4	24	24.0	7623	16831	0	0	0.0	24.0	0.3
data5-7-33-03514.txt	7	5	33	23	0.4	23	23.0	7623	16918	0	0	0.0	22.0	0.2
data5-7-33-03515.txt	7	5	33	20	0.4	20	20.0	7623	16921	0	0	0.0	19.0	0.2
data5-7-33-03516.txt	7	5	33	23	0.2	23	23.0	7623	16816	0	0	0.0	23.0	0.2
data5-7-33-03517.txt	7	5	33	24	0.3	24	24.0	7623	16675	0	0	0.0	24.0	0.2
data5-7-33-03518.txt	7	5	33	21	0.3	21	21.0	7623	16885	0	0	0.0	21.0	0.2
data5-7-33-03519.txt	7	5	33	27	0.5	27	27.0	7623	16972	0	3	0.0	26.0	0.3
data5-7-33-03520.txt	7	5	33	25	0.4	25	25.0	7623	16760	0	0	0.0	24.0	0.2
data5-7-33-03521.txt	7	5	33	19	0.2	19	19.0	7623	16669	0	0	0.0	19.0	0.2
data5-7-33-03522.txt	7	5	33	27	0.4	27	27.0	7623	16957	0	0	0.0	27.0	0.3
data5-7-33-03523.txt	7	5	33	22	0.3	22	22.0	7623	16708	0	1	0.0	21.0	0.2
data5-7-33-03524.txt	7	5	33	18	0.3	18	18.0	7623	16849	0	0	0.0	18.0	0.2
data5-7-33-03525.txt	7	5	33	28	0.9	28	28.0	7623	16994	1	0	0.0	26.0	0.3
data5-7-33-03526.txt	7	5	33	26	0.4	26	26.0	7623	16931	0	4	0.0	25.0	0.2
data5-7-33-03527.txt	7	5	33	20	0.4	20	20.0	7623	16876	0	0	0.0	19.0	0.2
data5-7-33-03528.txt	7	5	33	18	0.3	18	18.0	7623	16662	0	0	0.0	17.0	0.2
data5-7-33-03529.txt	7	5	33	21	0.4	21	21.0	7623	16955	1	10	0.0	20.0	0.2
data5-7-33-03530.txt	7	5	33	19	0.2	19	19.0	7623	16623	0	0	0.0	18.2	0.2
data5-7-33-03531.txt	7	5	33	18	0.3	18	18.0	7623	16765	0	0	0.0	17.3	0.2
data5-7-33-03532.txt	7	5	33	21	0.3	21	21.0	7623	16792	0	0	0.0	21.0	0.2
data5-7-33-03533.txt	7	5	33	23	0.5	23	23.0	7623	16710	1	3	0.0	21.0	0.2
data5-7-33-03534.txt	7	5	33	27	2.1	27	27.0	7623	16807	321	0	0.0	22.7	0.2
data5-7-33-03535.txt	7	5	33	23	0.4	23	23.0	7623	16720	0	0	0.0	22.5	0.2
data5-7-33-03536.txt	7	5	33	33	1.6	33	33.0	7623	16986	1	22	0.0	30.0	0.5
data5-7-33-03537.txt	7	5	33	25	0.7	25	25.0	7623	16814	65	0	0.0	23.0	0.2
data5-7-33-03538.txt	7	5	33	21	0.4	21	21.0	7623	16794	1	17	0.0	18.7	0.2
data5-7-33-03539.txt	7	5	33	18	0.6	18	18.0	7623	16911	1	0	0.0	16.5	0.2
data5-7-33-03540.txt	7	5	33	23	0.3	23	23.0	7623	16928	0	0	0.0	22.5	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-7-33-03541.txt	7	5	33	21	0.3	21	21.0	7623	16925	0	2	0.0	20.0	0.2
data5-7-33-03542.txt	7	5	33	27	0.4	27	27.0	7623	16922	0	0	0.0	27.0	0.3
data5-7-33-03543.txt	7	5	33	21	0.3	21	21.0	7623	16764	1	5	0.0	18.5	0.2
data5-7-33-03544.txt	7	5	33	22	1.0	22	22.0	7623	16936	1	6	0.0	19.5	0.3
data5-7-33-03545.txt	7	5	33	26	0.3	26	26.0	7623	16810	0	0	0.0	25.5	0.2
data5-7-33-03546.txt	7	5	33	27	3.2	27	27.0	7623	16911	824	20	0.0	24.0	0.3
data5-7-33-03547.txt	7	5	33	22	0.6	22	22.0	7623	16786	1	2	0.0	20.5	0.3
data5-7-33-03548.txt	7	5	33	19	0.2	19	19.0	7623	16789	0	1	0.0	18.0	0.2
data5-7-33-03549.txt	7	5	33	24	0.6	24	24.0	7623	16787	1	7	0.0	22.2	0.2
data5-7-33-03550.txt	7	5	33	29	0.7	29	29.0	7623	16965	1	17	0.0	27.0	0.3
data5-7-33-03551.txt	7	5	33	22	0.4	22	22.0	7623	17005	0	0	0.0	22.0	0.2
data5-7-33-03552.txt	7	5	33	19	0.3	19	19.0	7623	16679	0	2	0.0	18.0	0.2
data5-7-33-03553.txt	7	5	33	24	0.3	24	24.0	7623	16880	0	1	0.0	23.0	0.2
data5-7-33-03554.txt	7	5	33	18	0.3	18	18.0	7623	16836	0	0	0.0	18.0	0.2
data5-7-33-03555.txt	7	5	33	27	0.4	27	27.0	7623	16852	1	0	0.0	26.0	0.2
data5-7-33-03556.txt	7	5	33	26	0.3	26	26.0	7623	16766	0	0	0.0	26.0	0.3
data5-7-33-03557.txt	7	5	33	23	0.8	23	23.0	7623	16826	1	4	0.0	21.0	0.2
data5-7-33-03558.txt	7	5	33	30	4.5	30	30.0	7623	17027	1239	12	0.0	27.0	0.3
data5-7-33-03559.txt	7	5	33	21	0.3	21	21.0	7623	16788	0	0	0.0	20.5	0.2
data5-7-33-03560.txt	7	5	33	25	0.5	25	25.0	7623	16911	0	0	0.0	24.3	0.3
data5-7-33-03561.txt	7	5	33	27	0.4	27	27.0	7623	16880	0	0	0.0	27.0	0.3
data5-7-33-03562.txt	7	5	33	29	0.6	29	29.0	7623	17013	1	21	0.0	28.0	0.3
data5-7-33-03563.txt	7	5	33	31	0.8	31	31.0	7623	16934	27	33	0.0	29.5	0.3
data5-7-33-03564.txt	7	5	33	27	0.4	27	27.0	7623	16827	0	0	0.0	26.2	0.2
data5-7-33-03565.txt	7	5	33	28	0.6	28	28.0	7623	16998	0	0	0.0	26.7	0.3
data5-7-33-03566.txt	7	5	33	19	0.2	19	19.0	7623	16640	0	0	0.0	19.0	0.2
data5-7-33-03567.txt	7	5	33	30	0.4	30	30.0	7623	16847	1	13	0.0	28.0	0.2
data5-7-33-03568.txt	7	5	33	21	0.3	21	21.0	7623	16834	0	0	0.0	21.0	0.2
data5-7-33-03569.txt	7	5	33	23	0.6	23	23.0	7623	16740	1	9	0.0	20.0	0.2
data5-7-33-03570.txt	7	5	33	23	0.2	23	23.0	7623	16719	0	5	0.0	22.0	0.2
data5-7-33-03571.txt	7	5	33	27	0.4	27	27.0	7623	16960	0	0	0.0	26.5	0.3
data5-7-33-03572.txt	7	5	33	21	0.4	21	21.0	7623	16774	0	0	0.0	19.5	0.3
data5-7-33-03573.txt	7	5	33	17	0.3	17	17.0	7623	16822	0	0	0.0	17.0	0.2
data5-7-33-03574.txt	7	5	33	21	0.3	21	21.0	7623	16777	0	0	0.0	21.0	0.2
data5-7-33-03575.txt	7	5	33	32	2.1	32	32.0	7623	17022	31	29	0.0	28.5	0.5
data5-7-33-03576.txt	7	5	33	25	0.3	25	25.0	7623	16941	0	0	0.0	24.5	0.2
data5-7-33-03577.txt	7	5	33	30	0.4	30	30.0	7623	16848	1	12	0.0	27.5	0.2
data5-7-33-03578.txt	7	5	33	26	0.3	26	26.0	7623	16879	0	4	0.0	25.0	0.2
data5-7-33-03579.txt	7	5	33	20	0.3	20	20.0	7623	16858	0	0	0.0	20.0	0.2
data5-7-33-03580.txt	7	5	33	28	0.7	28	28.0	7623	16872	1	6	0.0	26.2	0.3
data5-7-33-03581.txt	7	5	33	22	0.5	22	22.0	7623	16862	1	0	0.0	20.0	0.2
data5-7-33-03582.txt	7	5	33	23	0.4	23	23.0	7623	16929	0	2	0.0	22.0	0.2
data5-7-33-03583.txt	7	5	33	21	0.3	21	21.0	7623	16996	0	0	0.0	21.0	0.2
data5-7-33-03584.txt	7	5	33	20	0.3	20	20.0	7623	16911	0	0	0.0	20.0	0.2
data5-7-33-03585.txt	7	5	33	23	0.3	23	23.0	7623	16839	0	0	0.0	23.0	0.2
data5-7-33-03586.txt	7	5	33	26	0.4	26	26.0	7623	16941	0	0	0.0	26.0	0.2
data5-7-33-03587.txt	7	5	33	24	0.4	24	24.0	7623	16921	0	0	0.0	23.7	0.3
data5-7-33-03588.txt	7	5	33	15	0.2	15	15.0	7623	16708	0	0	0.0	15.0	0.2
data5-7-33-03589.txt	7	5	33	26	0.3	26	26.0	7623	16682	0	5	0.0	25.0	0.2
data5-7-33-03590.txt	7	5	33	23	2.6	23	23.0	7623	16786	344	6	0.0	20.5	0.5
data5-7-33-03591.txt	7	5	33	18	0.3	18	18.0	7623	16556	0	0	0.0	18.0	0.2
data5-7-33-03592.txt	7	5	33	25	0.6	25	25.0	7623	16849	1	10	0.0	23.0	0.2
data5-7-33-03593.txt	7	5	33	31	1.7	31	31.0	7623	16983	34	19	0.0	28.3	0.4
data5-7-33-03594.txt	7	5	33	23	0.6	23	23.0	7623	16979	1	7	0.0	21.0	0.2
data5-7-33-03595.txt	7	5	33	26	0.4	26	26.0	7623	16820	26	41	0.0	25.0	0.2
data5-7-33-03596.txt	7	5	33	19	0.2	19	19.0	7623	16830	0	0	0.0	18.5	0.2
data5-7-33-03597.txt	7	5	33	25	0.3	25	25.0	7623	16691	0	0	0.0	25.0	0.2
data5-7-33-03598.txt	7	5	33	18	0.3	18	18.0	7623	16783	0	0	0.0	18.0	0.2
data5-7-33-03599.txt	7	5	33	29	0.6	29	29.0	7623	16989	1	6	0.0	28.0	0.3
data5-7-33-03600.txt	7	5	33	18	0.2	18	18.0	7623	16626	0	0	0.0	18.0	0.2
data5-7-34-03601.txt	7	5	34	30	0.5	30	30.0	8092	17844	1	7	0.0	27.0	0.2
data5-7-34-03602.txt	7	5	34	28	0.4	28	28.0	8092	17836	0	0	0.0	28.0	0.2
data5-7-34-03603.txt	7	5	34	23	0.3	23	23.0	8092	17951	0	0	0.0	23.0	0.2
data5-7-34-03604.txt	7	5	34	24	0.3	24	24.0	8092	17812	0	0	0.0	24.0	0.2
data5-7-34-03605.txt	7	5	34	21	0.3	21	21.0	8092	17938	0	0	0.0	20.5	0.2
data5-7-34-03606.txt	7	5	34	21	0.3	21	21.0	8092	17896	0	0	0.0	21.0	0.2
data5-7-34-03607.txt	7	5	34	28	0.6	28	28.0	8092	18002	1	11	0.0	26.0	0.3
data5-7-34-03608.txt	7	5	34	23	0.5	23	23.0	8092	17779	1	10	0.0	22.0	0.2
data5-7-34-03609.txt	7	5	34	21	0.3	21	21.0	8092	17829	0	1	0.0	20.0	0.2
data5-7-34-03610.txt	7	5	34	21	0.3	21	21.0	8092	17842	0	0	0.0	20.5	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-7-34-03611.txt	7	5	34	27	0.6	27	27.0	8092	17887	1	7	0.0	25.0	0.3
data5-7-34-03612.txt	7	5	34	24	0.6	24	24.0	8092	17946	1	0	0.0	22.0	0.2
data5-7-34-03613.txt	7	5	34	30	0.4	30	30.0	8092	17802	0	0	0.0	29.0	0.2
data5-7-34-03614.txt	7	5	34	23	0.7	23	23.0	8092	17881	0	0	0.0	22.0	0.3
data5-7-34-03615.txt	7	5	34	24	0.9	24	24.0	8092	17840	310	26	0.0	22.0	0.2
data5-7-34-03616.txt	7	5	34	19	0.3	19	19.0	8092	17746	0	0	0.0	19.0	0.2
data5-7-34-03617.txt	7	5	34	18	0.3	18	18.0	8092	17662	0	0	0.0	18.0	0.2
data5-7-34-03618.txt	7	5	34	27	0.4	27	27.0	8092	17963	0	6	0.0	25.0	0.2
data5-7-34-03619.txt	7	5	34	33	1.4	33	33.0	8092	17999	85	17	0.0	28.0	0.3
data5-7-34-03620.txt	7	5	34	31	0.5	31	31.0	8092	17808	0	1	0.0	29.5	0.3
data5-7-34-03621.txt	7	5	34	27	2.4	27	27.0	8092	18098	326	50	0.0	24.0	0.3
data5-7-34-03622.txt	7	5	34	29	0.3	29	29.0	8092	17947	0	1	0.0	27.5	0.2
data5-7-34-03623.txt	7	5	34	23	0.3	23	23.0	8092	17865	0	0	0.0	23.0	0.2
data5-7-34-03624.txt	7	5	34	28	0.7	28	28.0	8092	18035	1	1	0.0	26.0	0.3
data5-7-34-03625.txt	7	5	34	19	0.3	19	19.0	8092	17908	0	0	0.0	19.0	0.2
data5-7-34-03626.txt	7	5	34	21	0.3	21	21.0	8092	17918	0	0	0.0	21.0	0.2
data5-7-34-03627.txt	7	5	34	22	1.0	22	22.0	8092	17873	102	10	0.0	19.5	0.2
data5-7-34-03628.txt	7	5	34	24	0.4	24	24.0	8092	17739	0	0	0.0	24.0	0.2
data5-7-34-03629.txt	7	5	34	25	0.7	25	25.0	8092	17891	124	7	0.0	23.0	0.2
data5-7-34-03630.txt	7	5	34	21	0.4	21	21.0	8092	17923	1	1	0.0	19.5	0.2
data5-7-34-03631.txt	7	5	34	25	0.6	25	25.0	8092	17737	1	0	0.0	23.2	0.3
data5-7-34-03632.txt	7	5	34	25	1.1	25	25.0	8092	17878	22	22	0.0	22.5	0.2
data5-7-34-03633.txt	7	5	34	26	0.4	26	26.0	8092	17998	0	2	0.0	25.0	0.2
data5-7-34-03634.txt	7	5	34	27	0.5	27	27.0	8092	18023	0	0	0.0	27.0	0.3
data5-7-34-03635.txt	7	5	34	26	0.5	26	26.0	8092	17910	1	3	0.0	24.0	0.3
data5-7-34-03636.txt	7	5	34	27	0.5	27	27.0	8092	18165	0	0	0.0	26.0	0.3
data5-7-34-03637.txt	7	5	34	20	0.3	20	20.0	8092	17945	0	0	0.0	20.0	0.3
data5-7-34-03638.txt	7	5	34	20	0.3	20	20.0	8092	17799	0	0	0.0	20.0	0.2
data5-7-34-03639.txt	7	5	34	29	2.7	29	29.0	8092	18024	335	67	0.0	25.0	0.3
data5-7-34-03640.txt	7	5	34	25	0.4	25	25.0	8092	17918	0	0	0.0	25.0	0.2
data5-7-34-03641.txt	7	5	34	30	0.6	30	30.0	8092	18009	1	14	0.0	29.0	0.3
data5-7-34-03642.txt	7	5	34	29	0.4	29	29.0	8092	17970	0	0	0.0	28.3	0.2
data5-7-34-03643.txt	7	5	34	26	0.4	26	26.0	8092	17784	1	11	0.0	24.0	0.2
data5-7-34-03644.txt	7	5	34	28	0.7	28	28.0	8092	17835	1	24	0.0	25.5	0.2
data5-7-34-03645.txt	7	5	34	21	0.2	21	21.0	8092	17560	0	1	0.0	19.5	0.2
data5-7-34-03646.txt	7	5	34	21	0.3	21	21.0	8092	17820	0	0	0.0	21.0	0.2
data5-7-34-03647.txt	7	5	34	22	0.4	22	22.0	8092	17755	0	0	0.0	21.5	0.2
data5-7-34-03648.txt	7	5	34	16	0.2	16	16.0	8092	17686	0	0	0.0	16.0	0.2
data5-7-34-03649.txt	7	5	34	22	0.3	22	22.0	8092	17696	0	0	0.0	22.0	0.2
data5-7-34-03650.txt	7	5	34	27	1.0	27	27.0	8092	18068	54	23	0.0	25.0	0.3
data5-7-34-03651.txt	7	5	34	22	0.4	22	22.0	8092	17711	0	0	0.0	22.0	0.2
data5-7-34-03652.txt	7	5	34	27	0.3	27	27.0	8092	17926	0	0	0.0	27.0	0.2
data5-7-34-03653.txt	7	5	34	28	0.3	28	28.0	8092	18027	0	2	0.0	27.0	0.2
data5-7-34-03654.txt	7	5	34	21	0.3	21	21.0	8092	17835	0	1	0.0	20.0	0.2
data5-7-34-03655.txt	7	5	34	24	0.5	24	24.0	8092	17990	1	12	0.0	22.5	0.3
data5-7-34-03656.txt	7	5	34	25	0.6	25	25.0	8092	17846	1	9	0.0	22.8	0.2
data5-7-34-03657.txt	7	5	34	30	0.5	30	30.0	8092	17887	1	5	0.0	29.0	0.2
data5-7-34-03658.txt	7	5	34	25	0.7	25	25.0	8092	17692	1	8	0.0	23.5	0.4
data5-7-34-03659.txt	7	5	34	20	0.2	20	20.0	8092	17711	0	1	0.0	19.0	0.2
data5-7-34-03660.txt	7	5	34	26	0.4	26	26.0	8092	18028	0	0	0.0	26.0	0.3
data5-7-34-03661.txt	7	5	34	28	0.7	28	28.0	8092	18000	1	1	0.0	24.5	0.3
data5-7-34-03662.txt	7	5	34	29	0.9	29	29.0	8092	17913	1	0	0.0	27.0	0.3
data5-7-34-03663.txt	7	5	34	28	0.4	28	28.0	8092	17819	0	0	0.0	28.0	0.3
data5-7-34-03664.txt	7	5	34	31	0.4	31	31.0	8092	17930	0	4	0.0	29.0	0.3
data5-7-34-03665.txt	7	5	34	23	0.3	23	23.0	8092	17649	0	0	0.0	23.0	0.2
data5-7-34-03666.txt	7	5	34	22	0.4	22	22.0	8092	17807	1	2	0.0	20.5	0.2
data5-7-34-03667.txt	7	5	34	24	0.4	24	24.0	8092	17977	0	0	0.0	24.0	0.3
data5-7-34-03668.txt	7	5	34	26	0.5	26	26.0	8092	17860	1	3	0.0	23.5	0.2
data5-7-34-03669.txt	7	5	34	19	0.3	19	19.0	8092	17705	0	2	0.0	18.0	0.2
data5-7-34-03670.txt	7	5	34	28	0.4	28	28.0	8092	18064	0	3	0.0	27.0	0.3
data5-7-34-03671.txt	7	5	34	22	0.3	22	22.0	8092	17894	0	3	0.0	20.0	0.2
data5-7-34-03672.txt	7	5	34	21	0.4	21	21.0	8092	17802	0	0	0.0	20.7	0.3
data5-7-34-03673.txt	7	5	34	24	0.3	24	24.0	8092	17809	0	0	0.0	24.0	0.2
data5-7-34-03674.txt	7	5	34	25	0.3	25	25.0	8092	17823	0	0	0.0	25.0	0.2
data5-7-34-03675.txt	7	5	34	26	0.3	26	26.0	8092	17808	0	1	0.0	25.0	0.2
data5-7-34-03676.txt	7	5	34	24	0.3	24	24.0	8092	17887	0	0	0.0	22.5	0.2
data5-7-34-03677.txt	7	5	34	24	0.3	24	24.0	8092	17903	0	0	0.0	24.0	0.2
data5-7-34-03678.txt	7	5	34	23	0.3	23	23.0	8092	17785	0	0	0.0	23.0	0.2
data5-7-34-03679.txt	7	5	34	32	0.5	32	32.0	8092	17869	1	4	0.0	30.5	0.3
data5-7-34-03680.txt	7	5	34	28	0.4	28	28.0	8092	17935	0	0	0.0	27.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-7-34-03681.txt	7	5	34	16	0.3	16	16.0	8092	17696	0	0	0.0	16.0	0.2
data5-7-34-03682.txt	7	5	34	28	0.7	28	28.0	8092	17879	1	0	0.0	25.5	0.2
data5-7-34-03683.txt	7	5	34	21	0.6	21	21.0	8092	17877	1	4	0.0	19.0	0.2
data5-7-34-03684.txt	7	5	34	30	1.7	30	30.0	8092	17919	268	91	0.0	28.0	0.3
data5-7-34-03685.txt	7	5	34	23	0.4	23	23.0	8092	17821	0	0	0.0	23.0	0.2
data5-7-34-03686.txt	7	5	34	22	0.4	22	22.0	8092	17879	0	1	0.0	21.0	0.2
data5-7-34-03687.txt	7	5	34	25	0.3	25	25.0	8092	17836	0	0	0.0	25.0	0.2
data5-7-34-03688.txt	7	5	34	28	0.4	28	28.0	8092	17908	0	0	0.0	28.0	0.3
data5-7-34-03689.txt	7	5	34	23	0.3	23	23.0	8092	17825	0	3	0.0	21.0	0.2
data5-7-34-03690.txt	7	5	34	16	0.3	16	16.0	8092	17594	0	3	0.0	15.0	0.2
data5-7-34-03691.txt	7	5	34	28	0.4	28	28.0	8092	17976	0	0	0.0	28.0	0.3
data5-7-34-03692.txt	7	5	34	26	0.5	26	26.0	8092	18099	0	10	0.0	24.5	0.3
data5-7-34-03693.txt	7	5	34	22	0.3	22	22.0	8092	17762	0	0	0.0	21.0	0.2
data5-7-34-03694.txt	7	5	34	22	0.4	22	22.0	8092	17804	1	11	0.0	21.0	0.2
data5-7-34-03695.txt	7	5	34	21	0.3	21	21.0	8092	17974	1	4	0.0	20.0	0.2
data5-7-34-03696.txt	7	5	34	17	0.3	17	17.0	8092	17667	1	15	0.0	16.0	0.2
data5-7-34-03697.txt	7	5	34	30	1.6	30	30.0	8092	17896	36	15	0.0	27.0	0.4
data5-7-34-03698.txt	7	5	34	30	1.4	30	30.0	8092	18022	179	30	0.0	26.8	0.3
data5-7-34-03699.txt	7	5	34	21	0.3	21	21.0	8092	17978	0	3	0.0	19.0	0.2
data5-7-34-03700.txt	7	5	34	23	0.3	23	23.0	8092	17854	0	0	0.0	23.0	0.2
data5-8-35-05701.txt	8	5	35	22	0.5	22	22.0	9800	21461	0	0	0.0	21.5	0.3
data5-8-35-05702.txt	8	5	35	24	8.1	24	24.0	9800	21559	1433	18	0.0	20.5	0.6
data5-8-35-05703.txt	8	5	35	22	0.6	22	22.0	9800	21583	0	0	0.0	22.0	0.4
data5-8-35-05704.txt	8	5	35	27	7.1	27	27.0	9800	21726	569	21	0.0	23.0	0.6
data5-8-35-05705.txt	8	5	35	24	0.5	24	24.0	9800	21518	0	0	0.0	24.0	0.3
data5-8-35-05706.txt	8	5	35	24	0.6	24	24.0	9800	21623	0	4	0.0	23.0	0.3
data5-8-35-05707.txt	8	5	35	21	0.6	21	21.0	9800	21722	0	1	0.0	20.0	0.3
data5-8-35-05708.txt	8	5	35	22	0.5	22	22.0	9800	21586	0	0	0.0	21.5	0.3
data5-8-35-05709.txt	8	5	35	27	1.2	27	27.0	9800	21734	1	0	0.0	26.0	0.5
data5-8-35-05710.txt	8	5	35	22	0.6	22	22.0	9800	21709	0	0	0.0	20.7	0.3
data5-8-35-05711.txt	8	5	35	27	1.3	27	27.0	9800	21779	1	0	0.0	24.5	0.4
data5-8-35-05712.txt	8	5	35	16	0.4	16	16.0	9800	21512	0	0	0.0	15.0	0.2
data5-8-35-05713.txt	8	5	35	21	1.5	21	21.0	9800	21465	1	0	0.0	18.0	0.5
data5-8-35-05714.txt	8	5	35	25	0.8	25	25.0	9800	21527	0	0	0.0	24.0	0.5
data5-8-35-05715.txt	8	5	35	19	0.4	19	19.0	9800	21516	0	0	0.0	19.0	0.2
data5-8-35-05716.txt	8	5	35	27	2.0	27	27.0	9800	21564	19	15	0.0	23.5	0.4
data5-8-35-05717.txt	8	5	35	24	0.6	24	24.0	9800	21615	0	0	0.0	23.5	0.4
data5-8-35-05718.txt	8	5	35	20	0.4	20	20.0	9800	21399	0	1	0.0	19.0	0.2
data5-8-35-05719.txt	8	5	35	21	0.4	21	21.0	9800	21331	0	0	0.0	21.0	0.2
data5-8-35-05720.txt	8	5	35	21	0.5	21	21.0	9800	21400	0	0	0.0	21.0	0.3
data5-8-35-05721.txt	8	5	35	21	0.4	21	21.0	9800	21588	0	0	0.0	21.0	0.3
data5-8-35-05722.txt	8	5	35	24	2.7	24	24.0	9800	21740	1	0	0.0	20.0	0.5
data5-8-35-05723.txt	8	5	35	25	0.5	25	25.0	9800	21611	0	0	0.0	24.5	0.3
data5-8-35-05724.txt	8	5	35	26	1.2	26	26.0	9800	21752	1	0	0.0	24.5	0.6
data5-8-35-05725.txt	8	5	35	22	0.4	22	22.0	9800	21306	0	0	0.0	21.5	0.2
data5-8-35-05726.txt	8	5	35	27	0.9	27	27.0	9800	21543	1	15	0.0	25.5	0.4
data5-8-35-05727.txt	8	5	35	22	0.5	22	22.0	9800	21484	0	0	0.0	22.0	0.3
data5-8-35-05728.txt	8	5	35	23	0.5	23	23.0	9800	21443	0	0	0.0	23.0	0.3
data5-8-35-05729.txt	8	5	35	18	0.4	18	18.0	9800	21515	0	0	0.0	18.0	0.3
data5-8-35-05730.txt	8	5	35	22	0.4	22	22.0	9800	21492	0	0	0.0	21.5	0.3
data5-8-35-05731.txt	8	5	35	26	0.7	26	26.0	9800	21670	0	0	0.0	26.0	0.5
data5-8-35-05732.txt	8	5	35	22	0.3	22	22.0	9800	21211	0	0	0.0	22.0	0.2
data5-8-35-05733.txt	8	5	35	27	0.5	27	27.0	9800	21559	0	0	0.0	27.0	0.3
data5-8-35-05734.txt	8	5	35	25	0.6	25	25.0	9800	21886	0	0	0.0	25.0	0.4
data5-8-35-05735.txt	8	5	35	22	0.4	22	22.0	9800	21529	0	0	0.0	22.0	0.3
data5-8-35-05736.txt	8	5	35	20	0.4	20	20.0	9800	21549	0	0	0.0	20.0	0.3
data5-8-35-05737.txt	8	5	35	27	1.4	27	27.0	9800	21947	1	17	0.0	25.2	0.5
data5-8-35-05738.txt	8	5	35	19	0.4	19	19.0	9800	21503	0	0	0.0	18.0	0.3
data5-8-35-05739.txt	8	5	35	25	0.5	25	25.0	9800	21782	0	2	0.0	24.0	0.3
data5-8-35-05740.txt	8	5	35	31	1.6	31	31.0	9800	21729	1	0	0.0	29.5	0.6
data5-8-35-05741.txt	8	5	35	29	6.5	29	29.0	9800	21725	683	32	0.0	26.5	0.5
data5-8-35-05742.txt	8	5	35	27	0.9	27	27.0	9800	21773	1	0	0.0	24.0	0.3
data5-8-35-05743.txt	8	5	35	29	12.3	29	29.0	9800	21651	1562	7	0.0	25.0	0.4
data5-8-35-05744.txt	8	5	35	24	0.5	24	24.0	9800	21545	0	1	0.0	23.0	0.3
data5-8-35-05745.txt	8	5	35	25	0.4	25	25.0	9800	21503	0	0	0.0	25.0	0.3
data5-8-35-05746.txt	8	5	35	25	0.6	25	25.0	9800	21509	0	0	0.0	25.0	0.4
data5-8-35-05747.txt	8	5	35	27	0.7	27	27.0	9800	21654	1	8	0.0	26.0	0.4
data5-8-35-05748.txt	8	5	35	25	0.6	25	25.0	9800	21660	0	0	0.0	25.0	0.4
data5-8-35-05749.txt	8	5	35	24	0.8	24	24.0	9800	21691	1	0	0.0	23.0	0.4
data5-8-35-05750.txt	8	5	35	27	0.6	27	27.0	9800	21644	0	0	0.0	27.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-8-35-05751.txt	8	5	35	22	0.5	22	22.0	9800	21505	0	0	0.0	21.0	0.3
data5-8-35-05752.txt	8	5	35	25	0.7	25	25.0	9800	21673	0	0	0.0	24.0	0.5
data5-8-35-05753.txt	8	5	35	24	0.6	24	24.0	9800	21785	0	0	0.0	24.0	0.5
data5-8-35-05754.txt	8	5	35	21	1.0	21	21.0	9800	21422	1	0	0.0	19.0	0.5
data5-8-35-05755.txt	8	5	35	22	0.5	22	22.0	9800	21575	0	0	0.0	21.5	0.3
data5-8-35-05756.txt	8	5	35	24	1.0	24	24.0	9800	21640	1	1	0.0	21.8	0.4
data5-8-35-05757.txt	8	5	35	21	0.4	21	21.0	9800	21579	0	0	0.0	20.0	0.3
data5-8-35-05758.txt	8	5	35	23	0.5	23	23.0	9800	21598	0	0	0.0	23.0	0.3
data5-8-35-05759.txt	8	5	35	27	0.8	27	27.0	9800	21591	0	0	0.0	26.0	0.5
data5-8-35-05760.txt	8	5	35	22	0.5	22	22.0	9800	21631	0	1	0.0	21.0	0.3
data5-8-35-05761.txt	8	5	35	18	0.3	18	18.0	9800	21288	0	0	0.0	18.0	0.2
data5-8-35-05762.txt	8	5	35	24	0.5	24	24.0	9800	21557	0	0	0.0	23.5	0.3
data5-8-35-05763.txt	8	5	35	21	0.4	21	21.0	9800	21353	0	0	0.0	21.0	0.3
data5-8-35-05764.txt	8	5	35	25	0.8	25	25.0	9800	21931	0	0	0.0	23.7	0.4
data5-8-35-05765.txt	8	5	35	24	0.5	24	24.0	9800	21463	0	0	0.0	24.0	0.3
data5-8-35-05766.txt	8	5	35	24	0.5	24	24.0	9800	21636	0	0	0.0	24.0	0.3
data5-8-35-05767.txt	8	5	35	26	0.5	26	26.0	9800	21626	0	0	0.0	26.0	0.3
data5-8-35-05768.txt	8	5	35	17	0.3	17	17.0	9800	21397	0	0	0.0	16.5	0.2
data5-8-35-05769.txt	8	5	35	24	0.9	24	24.0	9800	21706	0	6	0.0	23.0	0.6
data5-8-35-05770.txt	8	5	35	25	0.6	25	25.0	9800	21551	0	0	0.0	25.0	0.4
data5-8-35-05771.txt	8	5	35	23	0.5	23	23.0	9800	21348	0	0	0.0	23.0	0.3
data5-8-35-05772.txt	8	5	35	24	0.5	24	24.0	9800	21767	0	0	0.0	23.1	0.4
data5-8-35-05773.txt	8	5	35	25	0.6	25	25.0	9800	21619	0	0	0.0	25.0	0.4
data5-8-35-05774.txt	8	5	35	22	0.4	22	22.0	9800	21354	0	0	0.0	22.0	0.3
data5-8-35-05775.txt	8	5	35	25	1.1	25	25.0	9800	21580	1	0	0.0	22.0	0.4
data5-8-35-05776.txt	8	5	35	17	0.4	17	17.0	9800	21532	0	0	0.0	17.0	0.3
data5-8-35-05777.txt	8	5	35	18	0.4	18	18.0	9800	21673	0	0	0.0	18.0	0.3
data5-8-35-05778.txt	8	5	35	29	1.8	29	29.0	9800	21791	1	0	0.0	27.0	0.7
data5-8-35-05779.txt	8	5	35	25	0.5	25	25.0	9800	21434	0	0	0.0	25.0	0.3
data5-8-35-05780.txt	8	5	35	25	0.4	25	25.0	9800	21585	0	0	0.0	25.0	0.3
data5-8-35-05781.txt	8	5	35	25	0.5	25	25.0	9800	21609	0	0	0.0	25.0	0.3
data5-8-35-05782.txt	8	5	35	19	0.4	19	19.0	9800	21587	0	0	0.0	19.0	0.3
data5-8-35-05783.txt	8	5	35	23	1.2	23	23.0	9800	21629	1	0	0.0	19.5	0.3
data5-8-35-05784.txt	8	5	35	22	0.5	22	22.0	9800	21641	0	0	0.0	22.0	0.3
data5-8-35-05785.txt	8	5	35	26	0.7	26	26.0	9800	21588	1	0	0.0	24.0	0.3
data5-8-35-05786.txt	8	5	35	18	0.4	18	18.0	9800	21513	0	0	0.0	17.5	0.3
data5-8-35-05787.txt	8	5	35	27	1.9	27	27.0	9800	21878	1	1	0.0	25.0	0.5
data5-8-35-05788.txt	8	5	35	23	0.5	23	23.0	9800	21655	0	0	0.0	22.5	0.4
data5-8-35-05789.txt	8	5	35	24	0.6	24	24.0	9800	21639	0	0	0.0	23.0	0.4
data5-8-35-05790.txt	8	5	35	18	0.3	18	18.0	9800	21294	0	0	0.0	18.0	0.2
data5-8-35-05791.txt	8	5	35	19	0.4	19	19.0	9800	21336	0	0	0.0	19.0	0.2
data5-8-35-05792.txt	8	5	35	18	0.4	18	18.0	9800	21464	0	0	0.0	18.0	0.2
data5-8-35-05793.txt	8	5	35	30	1.5	30	30.0	9800	21804	1	0	0.0	28.0	0.5
data5-8-35-05794.txt	8	5	35	20	0.4	20	20.0	9800	21693	0	0	0.0	20.0	0.3
data5-8-35-05795.txt	8	5	35	17	0.3	17	17.0	9800	21270	0	0	0.0	17.0	0.2
data5-8-35-05796.txt	8	5	35	21	0.7	21	21.0	9800	21586	0	0	0.0	19.5	0.3
data5-8-35-05797.txt	8	5	35	25	0.8	25	25.0	9800	21594	1	1	0.0	22.2	0.3
data5-8-35-05798.txt	8	5	35	20	0.4	20	20.0	9800	21514	0	0	0.0	19.0	0.3
data5-8-35-05799.txt	8	5	35	22	0.5	22	22.0	9800	21674	0	0	0.0	22.0	0.3
data5-8-35-05800.txt	8	5	35	29	1.3	29	29.0	9800	21604	1	12	0.0	26.7	0.4
data5-8-36-05801.txt	8	5	36	23	0.4	23	23.0	10368	22869	0	0	0.0	22.5	0.3
data5-8-36-05802.txt	8	5	36	21	0.5	21	21.0	10368	22865	0	0	0.0	21.0	0.3
data5-8-36-05803.txt	8	5	36	21	0.4	21	21.0	10368	22566	0	0	0.0	21.0	0.3
data5-8-36-05804.txt	8	5	36	26	0.5	26	26.0	10368	23055	0	4	0.0	25.0	0.3
data5-8-36-05805.txt	8	5	36	20	0.4	20	20.0	10368	22770	0	0	0.0	20.0	0.3
data5-8-36-05806.txt	8	5	36	29	0.8	29	29.0	10368	22982	0	0	0.0	28.5	0.5
data5-8-36-05807.txt	8	5	36	27	0.7	27	27.0	10368	22694	0	0	0.0	26.0	0.3
data5-8-36-05808.txt	8	5	36	21	0.4	21	21.0	10368	22635	0	0	0.0	21.0	0.3
data5-8-36-05809.txt	8	5	36	28	1.0	28	28.0	10368	22777	1	0	0.0	26.0	0.3
data5-8-36-05810.txt	8	5	36	28	0.6	28	28.0	10368	22765	0	0	0.0	28.0	0.4
data5-8-36-05811.txt	8	5	36	25	0.9	25	25.0	10368	22613	1	4	0.0	23.0	0.3
data5-8-36-05812.txt	8	5	36	19	0.4	19	19.0	10368	22759	0	0	0.0	19.0	0.3
data5-8-36-05813.txt	8	5	36	28	0.8	28	28.0	10368	22865	0	0	0.0	28.0	0.5
data5-8-36-05814.txt	8	5	36	22	0.4	22	22.0	10368	22677	0	0	0.0	22.0	0.3
data5-8-36-05815.txt	8	5	36	26	1.0	26	26.0	10368	22927	0	0	0.0	24.4	0.4
data5-8-36-05816.txt	8	5	36	26	0.6	26	26.0	10368	22813	0	0	0.0	25.0	0.3
data5-8-36-05817.txt	8	5	36	28	0.6	28	28.0	10368	23028	0	0	0.0	28.0	0.4
data5-8-36-05818.txt	8	5	36	23	0.5	23	23.0	10368	22703	0	0	0.0	23.0	0.3
data5-8-36-05819.txt	8	5	36	20	0.4	20	20.0	10368	22825	0	0	0.0	20.0	0.3
data5-8-36-05820.txt	8	5	36	26	0.8	26	26.0	10368	22818	0	0	0.0	25.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-8-36-05821.txt	8	5	36	24	0.5	24	24.0	10368	22702	0	0	0.0	24.0	0.3
data5-8-36-05822.txt	8	5	36	18	0.4	18	18.0	10368	22733	0	0	0.0	18.0	0.2
data5-8-36-05823.txt	8	5	36	21	1.4	21	21.0	10368	22584	136	0	0.0	19.0	0.4
data5-8-36-05824.txt	8	5	36	20	0.4	20	20.0	10368	22713	0	0	0.0	20.0	0.3
data5-8-36-05825.txt	8	5	36	28	0.7	28	28.0	10368	22811	0	0	0.0	27.0	0.4
data5-8-36-05826.txt	8	5	36	30	30.7	30	30.0	10368	23001	2434	25	0.0	26.3	0.5
data5-8-36-05827.txt	8	5	36	26	0.5	26	26.0	10368	22633	0	8	0.0	25.0	0.3
data5-8-36-05828.txt	8	5	36	23	0.6	23	23.0	10368	22878	0	0	0.0	21.5	0.3
data5-8-36-05829.txt	8	5	36	24	0.9	24	24.0	10368	22706	1	0	0.0	22.5	0.4
data5-8-36-05830.txt	8	5	36	26	0.7	26	26.0	10368	22904	0	4	0.0	25.0	0.4
data5-8-36-05831.txt	8	5	36	23	0.6	23	23.0	10368	22806	1	0	0.0	21.5	0.3
data5-8-36-05832.txt	8	5	36	20	0.5	20	20.0	10368	22731	0	0	0.0	19.0	0.3
data5-8-36-05833.txt	8	5	36	28	1.6	28	28.0	10368	23040	1	1	0.0	25.5	0.4
data5-8-36-05834.txt	8	5	36	25	0.5	25	25.0	10368	22765	0	0	0.0	25.0	0.3
data5-8-36-05835.txt	8	5	36	22	0.4	22	22.0	10368	22816	0	0	0.0	22.0	0.3
data5-8-36-05836.txt	8	5	36	23	0.6	23	23.0	10368	22783	0	0	0.0	21.5	0.3
data5-8-36-05837.txt	8	5	36	30	1.3	30	30.0	10368	23033	1	29	0.0	28.5	0.4
data5-8-36-05838.txt	8	5	36	26	0.9	26	26.0	10368	22962	1	0	0.0	24.0	0.3
data5-8-36-05839.txt	8	5	36	32	0.7	32	32.0	10368	22890	0	0	0.0	32.0	0.5
data5-8-36-05840.txt	8	5	36	26	1.0	26	26.0	10368	22787	1	19	0.0	23.5	0.3
data5-8-36-05841.txt	8	5	36	28	0.8	28	28.0	10368	22650	0	0	0.0	27.5	0.6
data5-8-36-05842.txt	8	5	36	26	0.5	26	26.0	10368	22878	0	0	0.0	26.0	0.3
data5-8-36-05843.txt	8	5	36	26	0.7	26	26.0	10368	23052	1	1	0.0	24.7	0.4
data5-8-36-05844.txt	8	5	36	21	0.4	21	21.0	10368	22798	0	0	0.0	21.0	0.3
data5-8-36-05845.txt	8	5	36	29	1.1	29	29.0	10368	22880	1	1	0.0	26.5	0.3
data5-8-36-05846.txt	8	5	36	22	0.4	22	22.0	10368	22761	0	0	0.0	22.0	0.2
data5-8-36-05847.txt	8	5	36	20	0.6	20	20.0	10368	22808	0	0	0.0	19.0	0.3
data5-8-36-05848.txt	8	5	36	26	0.6	26	26.0	10368	22918	0	0	0.0	26.0	0.4
data5-8-36-05849.txt	8	5	36	29	0.5	29	29.0	10368	22721	0	0	0.0	28.5	0.3
data5-8-36-05850.txt	8	5	36	28	0.9	28	28.0	10368	22973	0	0	0.0	27.0	0.5
data5-8-36-05851.txt	8	5	36	26	0.6	26	26.0	10368	22584	1	3	0.0	24.0	0.3
data5-8-36-05852.txt	8	5	36	18	0.5	18	18.0	10368	22703	0	1	0.0	17.0	0.3
data5-8-36-05853.txt	8	5	36	22	0.4	22	22.0	10368	22853	0	0	0.0	22.0	0.3
data5-8-36-05854.txt	8	5	36	31	0.6	31	31.0	10368	23133	0	0	0.0	31.0	0.4
data5-8-36-05855.txt	8	5	36	24	0.7	24	24.0	10368	23020	0	4	0.0	23.0	0.3
data5-8-36-05856.txt	8	5	36	29	1.0	29	29.0	10368	22848	0	1	0.0	27.3	0.5
data5-8-36-05857.txt	8	5	36	23	0.5	23	23.0	10368	22571	0	0	0.0	23.0	0.3
data5-8-36-05858.txt	8	5	36	26	0.6	26	26.0	10368	23012	0	0	0.0	26.0	0.4
data5-8-36-05859.txt	8	5	36	27	0.6	27	27.0	10368	23118	0	0	0.0	27.0	0.3
data5-8-36-05860.txt	8	5	36	21	0.5	21	21.0	10368	22748	0	0	0.0	19.5	0.3
data5-8-36-05861.txt	8	5	36	34	2.1	34	34.0	10368	23229	1	14	0.0	31.5	0.6
data5-8-36-05862.txt	8	5	36	23	0.6	23	23.0	10368	22796	0	0	0.0	23.0	0.4
data5-8-36-05863.txt	8	5	36	28	0.6	28	28.0	10368	22870	0	0	0.0	28.0	0.4
data5-8-36-05864.txt	8	5	36	22	0.4	22	22.0	10368	22809	0	0	0.0	21.0	0.3
data5-8-36-05865.txt	8	5	36	20	0.4	20	20.0	10368	22834	0	0	0.0	20.0	0.3
data5-8-36-05866.txt	8	5	36	30	0.9	30	30.0	10368	23122	0	0	0.0	30.0	0.6
data5-8-36-05867.txt	8	5	36	22	0.5	22	22.0	10368	22824	0	0	0.0	21.5	0.3
data5-8-36-05868.txt	8	5	36	27	0.6	27	27.0	10368	22830	0	0	0.0	27.0	0.4
data5-8-36-05869.txt	8	5	36	32	2.8	32	32.0	10368	22963	219	48	0.0	28.3	0.5
data5-8-36-05870.txt	8	5	36	17	0.3	17	17.0	10368	22479	0	0	0.0	17.0	0.2
data5-8-36-05871.txt	8	5	36	22	0.6	22	22.0	10368	23001	1	16	0.0	21.0	0.3
data5-8-36-05872.txt	8	5	36	30	0.9	30	30.0	10368	23083	0	0	0.0	28.3	0.5
data5-8-36-05873.txt	8	5	36	28	1.0	28	28.0	10368	23061	1	0	0.0	25.5	0.4
data5-8-36-05874.txt	8	5	36	24	0.7	24	24.0	10368	22627	0	0	0.0	23.0	0.4
data5-8-36-05875.txt	8	5	36	24	0.7	24	24.0	10368	22712	1	1	0.0	22.3	0.3
data5-8-36-05876.txt	8	5	36	20	0.4	20	20.0	10368	22968	0	0	0.0	19.2	0.3
data5-8-36-05877.txt	8	5	36	23	0.5	23	23.0	10368	22665	0	0	0.0	22.5	0.4
data5-8-36-05878.txt	8	5	36	21	0.4	21	21.0	10368	22635	0	0	0.0	20.0	0.3
data5-8-36-05879.txt	8	5	36	24	0.6	24	24.0	10368	22822	0	0	0.0	23.0	0.3
data5-8-36-05880.txt	8	5	36	30	0.5	30	30.0	10368	22776	0	0	0.0	30.0	0.3
data5-8-36-05881.txt	8	5	36	24	1.6	24	24.0	10368	22714	53	41	0.0	22.0	0.3
data5-8-36-05882.txt	8	5	36	22	0.5	22	22.0	10368	22761	0	0	0.0	22.0	0.3
data5-8-36-05883.txt	8	5	36	26	0.9	26	26.0	10368	22913	1	1	0.0	24.2	0.4
data5-8-36-05884.txt	8	5	36	22	0.4	22	22.0	10368	22656	0	0	0.0	22.0	0.2
data5-8-36-05885.txt	8	5	36	26	0.7	26	26.0	10368	22976	0	0	0.0	26.0	0.5
data5-8-36-05886.txt	8	5	36	24	0.5	24	24.0	10368	22723	0	0	0.0	23.5	0.4
data5-8-36-05887.txt	8	5	36	30	1.5	30	30.0	10368	22755	1	2	0.0	26.0	0.7
data5-8-36-05888.txt	8	5	36	28	1.6	28	28.0	10368	23001	1	0	0.0	25.5	0.5
data5-8-36-05889.txt	8	5	36	25	0.8	25	25.0	10368	22713	1	0	0.0	24.0	0.4
data5-8-36-05890.txt	8	5	36	21	0.5	21	21.0	10368	22822	0	0	0.0	21.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-8-36-05891.txt	8	5	36	25	0.8	25	25.0	10368	22995	1	10	0.0	23.0	0.4
data5-8-36-05892.txt	8	5	36	27	2.6	27	27.0	10368	23094	1	28	0.0	25.0	0.6
data5-8-36-05893.txt	8	5	36	25	0.7	25	25.0	10368	22752	1	0	0.0	23.0	0.4
data5-8-36-05894.txt	8	5	36	27	0.5	27	27.0	10368	22761	0	0	0.0	26.5	0.3
data5-8-36-05895.txt	8	5	36	23	0.5	23	23.0	10368	22974	0	0	0.0	23.0	0.3
data5-8-36-05896.txt	8	5	36	20	0.4	20	20.0	10368	22611	0	0	0.0	20.0	0.2
data5-8-36-05897.txt	8	5	36	29	1.3	29	29.0	10368	22841	1	10	0.0	27.0	0.4
data5-8-36-05898.txt	8	5	36	24	0.6	24	24.0	10368	22883	0	0	0.0	23.0	0.3
data5-8-36-05899.txt	8	5	36	18	0.4	18	18.0	10368	22602	0	0	0.0	18.0	0.2
data5-8-36-05900.txt	8	5	36	22	0.5	22	22.0	10368	22815	0	0	0.0	22.0	0.3
data5-8-37-05901.txt	8	5	37	25	0.5	25	25.0	10952	24165	0	0	0.0	24.5	0.3
data5-8-37-05902.txt	8	5	37	25	0.7	25	25.0	10952	23900	1	4	0.0	23.5	0.4
data5-8-37-05903.txt	8	5	37	27	0.9	27	27.0	10952	24223	1	5	0.0	24.5	0.4
data5-8-37-05904.txt	8	5	37	25	1.1	25	25.0	10952	23906	1	0	0.0	21.4	0.3
data5-8-37-05905.txt	8	5	37	24	0.7	24	24.0	10952	24102	1	18	0.0	23.0	0.3
data5-8-37-05906.txt	8	5	37	28	0.7	28	28.0	10952	24219	0	0	0.0	27.0	0.4
data5-8-37-05907.txt	8	5	37	33	19.3	33	33.0	10952	24513	1209	4	0.0	29.5	1.0
data5-8-37-05908.txt	8	5	37	32	0.8	32	32.0	10952	24311	0	0	0.0	31.5	0.6
data5-8-37-05909.txt	8	5	37	24	0.4	24	24.0	10952	24205	0	0	0.0	24.0	0.3
data5-8-37-05910.txt	8	5	37	28	0.9	28	28.0	10952	24336	1	0	0.0	26.4	0.5
data5-8-37-05911.txt	8	5	37	25	0.5	25	25.0	10952	24076	0	6	0.0	24.0	0.3
data5-8-37-05912.txt	8	5	37	25	0.3	25	25.0	10952	24036	0	0	0.0	25.0	0.2
data5-8-37-05913.txt	8	5	37	33	0.5	33	33.0	10952	24144	0	0	0.0	32.5	0.4
data5-8-37-05914.txt	8	5	37	31	0.6	31	31.0	10952	23994	1	17	0.0	28.0	0.3
data5-8-37-05915.txt	8	5	37	27	0.6	27	27.0	10952	24050	0	0	0.0	25.7	0.3
data5-8-37-05916.txt	8	5	37	23	0.4	23	23.0	10952	23888	0	0	0.0	23.0	0.3
data5-8-37-05917.txt	8	5	37	26	1.1	26	26.0	10952	24301	1	11	0.0	24.0	0.3
data5-8-37-05918.txt	8	5	37	23	0.5	23	23.0	10952	24006	0	0	0.0	23.0	0.3
data5-8-37-05919.txt	8	5	37	25	0.5	25	25.0	10952	24090	0	0	0.0	25.0	0.3
data5-8-37-05920.txt	8	5	37	26	0.5	26	26.0	10952	23917	0	0	0.0	26.0	0.3
data5-8-37-05921.txt	8	5	37	41	1.2	41	41.0	10952	24344	1	5	0.0	40.0	0.6
data5-8-37-05922.txt	8	5	37	27	0.9	27	27.0	10952	24099	1	9	0.0	25.5	0.4
data5-8-37-05923.txt	8	5	37	28	0.7	28	28.0	10952	24286	0	0	0.0	27.3	0.5
data5-8-37-05924.txt	8	5	37	29	1.2	29	29.0	10952	24262	1	6	0.0	27.0	0.4
data5-8-37-05925.txt	8	5	37	32	3.3	32	32.0	10952	24147	7	0	0.0	28.3	0.5
data5-8-37-05926.txt	8	5	37	15	0.3	15	15.0	10952	23810	0	0	0.0	15.0	0.2
data5-8-37-05927.txt	8	5	37	33	1.4	33	33.0	10952	24210	1	8	0.0	31.2	0.7
data5-8-37-05928.txt	8	5	37	29	1.3	29	29.0	10952	24276	1	18	0.0	27.0	0.5
data5-8-37-05929.txt	8	5	37	28	0.7	28	28.0	10952	24203	1	3	0.0	26.7	0.4
data5-8-37-05930.txt	8	5	37	26	0.6	26	26.0	10952	24020	0	11	0.0	25.0	0.3
data5-8-37-05931.txt	8	5	37	34	1.4	34	34.0	10952	24318	1	1	0.0	31.5	0.8
data5-8-37-05932.txt	8	5	37	22	0.4	22	22.0	10952	23905	0	0	0.0	22.0	0.3
data5-8-37-05933.txt	8	5	37	22	0.4	22	22.0	10952	24006	0	0	0.0	21.1	0.3
data5-8-37-05934.txt	8	5	37	32	0.6	32	32.0	10952	24176	1	4	0.0	30.0	0.4
data5-8-37-05935.txt	8	5	37	22	0.4	22	22.0	10952	24205	1	7	0.0	21.0	0.3
data5-8-37-05936.txt	8	5	37	26	0.6	26	26.0	10952	24295	0	0	0.0	26.0	0.4
data5-8-37-05937.txt	8	5	37	24	0.5	24	24.0	10952	24089	0	0	0.0	23.5	0.3
data5-8-37-05938.txt	8	5	37	24	0.6	24	24.0	10952	24221	0	0	0.0	24.0	0.4
data5-8-37-05939.txt	8	5	37	30	0.7	30	30.0	10952	24015	1	18	0.0	26.0	0.3
data5-8-37-05940.txt	8	5	37	25	0.4	25	25.0	10952	23994	0	0	0.0	25.0	0.3
data5-8-37-05941.txt	8	5	37	32	8.2	32	32.0	10952	24221	2161	25	0.0	29.0	0.7
data5-8-37-05942.txt	8	5	37	33	1.0	33	33.0	10952	24183	1	7	0.0	31.3	0.5
data5-8-37-05943.txt	8	5	37	22	0.4	22	22.0	10952	23984	0	0	0.0	22.0	0.3
data5-8-37-05944.txt	8	5	37	26	0.9	26	26.0	10952	24168	1	0	0.0	23.5	0.4
data5-8-37-05945.txt	8	5	37	27	0.7	27	27.0	10952	24245	0	0	0.0	25.5	0.4
data5-8-37-05946.txt	8	5	37	25	0.6	25	25.0	10952	24189	0	0	0.0	25.0	0.4
data5-8-37-05947.txt	8	5	37	25	0.6	25	25.0	10952	24070	0	0	0.0	25.0	0.4
data5-8-37-05948.txt	8	5	37	28	0.8	28	28.0	10952	24090	0	4	0.0	27.0	0.5
data5-8-37-05949.txt	8	5	37	23	0.5	23	23.0	10952	24064	0	0	0.0	23.0	0.3
data5-8-37-05950.txt	8	5	37	26	0.5	26	26.0	10952	23815	0	4	0.0	24.0	0.3
data5-8-37-05951.txt	8	5	37	35	10.6	35	35.0	10952	24413	945	41	0.0	30.0	0.6
data5-8-37-05952.txt	8	5	37	36	6.7	36	36.0	10952	24300	375	37	0.0	32.5	0.9
data5-8-37-05953.txt	8	5	37	31	1.4	31	31.0	10952	24565	1	3	0.0	29.5	0.7
data5-8-37-05954.txt	8	5	37	18	0.3	18	18.0	10952	23623	0	0	0.0	18.0	0.2
data5-8-37-05955.txt	8	5	37	25	0.6	25	25.0	10952	24048	0	0	0.0	25.0	0.4
data5-8-37-05956.txt	8	5	37	23	0.5	23	23.0	10952	24267	0	0	0.0	23.0	0.4
data5-8-37-05957.txt	8	5	37	21	0.4	21	21.0	10952	23939	0	0	0.0	21.0	0.3
data5-8-37-05958.txt	8	5	37	25	0.5	25	25.0	10952	23907	0	0	0.0	25.0	0.3
data5-8-37-05959.txt	8	5	37	29	2.6	29	29.0	10952	24293	29	9	0.0	25.7	0.6
data5-8-37-05960.txt	8	5	37	23	0.6	23	23.0	10952	24140	0	0	0.0	22.1	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-8-37-05961.txt	8	5	37	23	0.6	23	23.0	10952	24249	1	5	0.0	22.0	0.3
data5-8-37-05962.txt	8	5	37	26	1.0	26	26.0	10952	24230	0	0	0.0	25.5	0.9
data5-8-37-05963.txt	8	5	37	24	1.2	24	24.0	10952	24088	1	0	0.0	21.5	0.3
data5-8-37-05964.txt	8	5	37	25	0.6	25	25.0	10952	24239	0	0	0.0	25.0	0.3
data5-8-37-05965.txt	8	5	37	26	0.5	26	26.0	10952	24072	0	0	0.0	26.0	0.4
data5-8-37-05966.txt	8	5	37	26	0.5	26	26.0	10952	23959	1	6	0.0	25.0	0.3
data5-8-37-05967.txt	8	5	37	24	0.5	24	24.0	10952	23857	0	0	0.0	24.0	0.3
data5-8-37-05968.txt	8	5	37	28	0.7	28	28.0	10952	24069	0	0	0.0	27.0	0.4
data5-8-37-05969.txt	8	5	37	21	0.6	21	21.0	10952	23786	1	0	0.0	19.5	0.3
data5-8-37-05970.txt	8	5	37	27	0.6	27	27.0	10952	24332	0	4	0.0	26.0	0.4
data5-8-37-05971.txt	8	5	37	23	0.9	23	23.0	10952	24100	1	0	0.0	21.0	0.3
data5-8-37-05972.txt	8	5	37	28	1.0	28	28.0	10952	24217	1	2	0.0	26.0	0.3
data5-8-37-05973.txt	8	5	37	21	0.4	21	21.0	10952	24283	0	3	0.0	20.0	0.3
data5-8-37-05974.txt	8	5	37	20	0.4	20	20.0	10952	23896	0	0	0.0	20.0	0.3
data5-8-37-05975.txt	8	5	37	26	0.5	26	26.0	10952	24038	0	2	0.0	24.8	0.4
data5-8-37-05976.txt	8	5	37	26	0.5	26	26.0	10952	24291	0	2	0.0	25.0	0.4
data5-8-37-05977.txt	8	5	37	30	0.7	30	30.0	10952	24235	0	0	0.0	30.0	0.4
data5-8-37-05978.txt	8	5	37	23	0.5	23	23.0	10952	23855	0	0	0.0	22.0	0.3
data5-8-37-05979.txt	8	5	37	26	0.7	26	26.0	10952	24132	0	0	0.0	26.0	0.5
data5-8-37-05980.txt	8	5	37	32	3.0	32	32.0	10952	24436	1	0	0.0	27.8	0.5
data5-8-37-05981.txt	8	5	37	25	0.4	25	25.0	10952	23927	0	0	0.0	25.0	0.3
data5-8-37-05982.txt	8	5	37	26	0.6	26	26.0	10952	24026	0	0	0.0	26.0	0.4
data5-8-37-05983.txt	8	5	37	27	0.7	27	27.0	10952	24244	0	0	0.0	27.0	0.4
data5-8-37-05984.txt	8	5	37	22	0.5	22	22.0	10952	23810	0	0	0.0	22.0	0.3
data5-8-37-05985.txt	8	5	37	30	0.5	30	30.0	10952	23969	0	0	0.0	29.7	0.3
data5-8-37-05986.txt	8	5	37	25	0.4	25	25.0	10952	23985	0	0	0.0	24.5	0.3
data5-8-37-05987.txt	8	5	37	22	0.9	22	22.0	10952	23907	111	46	0.0	20.0	0.3
data5-8-37-05988.txt	8	5	37	31	0.8	31	31.0	10952	24188	0	0	0.0	30.0	0.4
data5-8-37-05989.txt	8	5	37	24	0.5	24	24.0	10952	23941	0	0	0.0	23.5	0.3
data5-8-37-05990.txt	8	5	37	29	1.3	29	29.0	10952	24255	10	25	0.0	26.5	0.5
data5-8-37-05991.txt	8	5	37	23	0.7	23	23.0	10952	24133	0	3	0.0	22.0	0.3
data5-8-37-05992.txt	8	5	37	23	0.5	23	23.0	10952	24137	0	0	0.0	22.0	0.3
data5-8-37-05993.txt	8	5	37	28	0.9	28	28.0	10952	24064	1	18	0.0	26.5	0.4
data5-8-37-05994.txt	8	5	37	25	0.7	25	25.0	10952	24218	0	0	0.0	24.0	0.3
data5-8-37-05995.txt	8	5	37	22	0.4	22	22.0	10952	24024	0	0	0.0	21.3	0.3
data5-8-37-05996.txt	8	5	37	27	0.7	27	27.0	10952	24044	0	0	0.0	26.2	0.4
data5-8-37-05997.txt	8	5	37	24	0.5	24	24.0	10952	23987	0	0	0.0	23.2	0.4
data5-8-37-05998.txt	8	5	37	27	2.8	27	27.0	10952	24404	100	28	0.0	23.3	0.5
data5-8-37-05999.txt	8	5	37	32	2.5	32	32.0	10952	24273	152	12	0.0	28.3	0.4
data5-8-37-06000.txt	8	5	37	28	0.9	28	28.0	10952	24183	0	0	0.0	27.0	0.5
data5-8-38-06001.txt	8	5	38	26	0.4	26	26.0	11552	25272	0	0	0.0	26.0	0.3
data5-8-38-06002.txt	8	5	38	35	1.3	35	35.0	11552	25568	1	20	0.0	32.8	0.4
data5-8-38-06003.txt	8	5	38	27	1.4	27	27.0	11552	25414	1	0	0.0	26.0	0.6
data5-8-38-06004.txt	8	5	38	33	7.1	33	33.0	11552	25661	651	9	0.0	29.0	0.5
data5-8-38-06005.txt	8	5	38	20	0.4	20	20.0	11552	25236	0	0	0.0	20.0	0.3
data5-8-38-06006.txt	8	5	38	33	16.6	33	33.0	11552	25807	1003	74	0.0	30.0	0.6
data5-8-38-06007.txt	8	5	38	23	0.6	23	23.0	11552	25342	0	0	0.0	22.0	0.3
data5-8-38-06008.txt	8	5	38	26	0.6	26	26.0	11552	25543	0	0	0.0	26.0	0.4
data5-8-38-06009.txt	8	5	38	20	0.4	20	20.0	11552	25209	0	0	0.0	20.0	0.3
data5-8-38-06010.txt	8	5	38	26	0.5	26	26.0	11552	25434	0	0	0.0	26.0	0.3
data5-8-38-06011.txt	8	5	38	33	0.7	33	33.0	11552	25645	0	0	0.0	33.0	0.5
data5-8-38-06012.txt	8	5	38	25	0.7	25	25.0	11552	25421	1	3	0.0	24.0	0.3
data5-8-38-06013.txt	8	5	38	28	0.7	28	28.0	11552	25524	1	11	0.0	26.0	0.4
data5-8-38-06014.txt	8	5	38	25	0.7	25	25.0	11552	25436	0	0	0.0	25.0	0.4
data5-8-38-06015.txt	8	5	38	24	0.5	24	24.0	11552	25186	0	0	0.0	24.0	0.3
data5-8-38-06016.txt	8	5	38	28	0.6	28	28.0	11552	25629	0	0	0.0	27.5	0.4
data5-8-38-06017.txt	8	5	38	22	0.5	22	22.0	11552	25241	0	0	0.0	21.0	0.3
data5-8-38-06018.txt	8	5	38	32	1.6	32	32.0	11552	25554	1	9	0.0	29.0	0.5
data5-8-38-06019.txt	8	5	38	24	1.0	24	24.0	11552	25486	1	0	0.0	23.0	0.4
data5-8-38-06020.txt	8	5	38	29	0.5	29	29.0	11552	25338	0	0	0.0	29.0	0.3
data5-8-38-06021.txt	8	5	38	27	0.8	27	27.0	11552	25633	0	0	0.0	27.0	0.5
data5-8-38-06022.txt	8	5	38	25	0.8	25	25.0	11552	25439	0	0	0.0	25.0	0.4
data5-8-38-06023.txt	8	5	38	21	0.4	21	21.0	11552	25290	0	0	0.0	20.5	0.3
data5-8-38-06024.txt	8	5	38	31	13.0	31	31.0	11552	25607	2225	3	0.0	28.0	0.7
data5-8-38-06025.txt	8	5	38	26	0.6	26	26.0	11552	25436	0	0	0.0	25.5	0.4
data5-8-38-06026.txt	8	5	38	26	0.8	26	26.0	11552	25512	1	2	0.0	25.0	0.4
data5-8-38-06027.txt	8	5	38	21	0.4	21	21.0	11552	25155	0	0	0.0	19.5	0.3
data5-8-38-06028.txt	8	5	38	21	0.5	21	21.0	11552	25234	0	0	0.0	21.0	0.3
data5-8-38-06029.txt	8	5	38	30	1.1	30	30.0	11552	25551	1	18	0.0	29.0	0.6
data5-8-38-06030.txt	8	5	38	30	1.0	30	30.0	11552	25641	0	0	0.0	29.0	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-8-38-06031.txt	8	5	38	32	3.1	32	32.0	11552	25415	301	39	0.0	30.0	0.5
data5-8-38-06032.txt	8	5	38	26	0.5	26	26.0	11552	25364	0	0	0.0	26.0	0.4
data5-8-38-06033.txt	8	5	38	28	0.6	28	28.0	11552	25176	1	16	0.0	27.0	0.3
data5-8-38-06034.txt	8	5	38	22	0.4	22	22.0	11552	25040	0	0	0.0	21.5	0.3
data5-8-38-06035.txt	8	5	38	26	0.6	26	26.0	11552	25280	1	2	0.0	22.5	0.3
data5-8-38-06036.txt	8	5	38	21	0.7	21	21.0	11552	25335	1	16	0.0	20.0	0.3
data5-8-38-06037.txt	8	5	38	30	0.7	30	30.0	11552	25303	0	0	0.0	28.5	0.4
data5-8-38-06038.txt	8	5	38	27	0.4	27	27.0	11552	25337	0	2	0.0	26.0	0.3
data5-8-38-06039.txt	8	5	38	32	0.9	32	32.0	11552	25556	0	0	0.0	32.0	0.6
data5-8-38-06040.txt	8	5	38	25	0.5	25	25.0	11552	25186	0	0	0.0	24.5	0.3
data5-8-38-06041.txt	8	5	38	31	1.4	31	31.0	11552	25696	1	3	0.0	29.1	0.5
data5-8-38-06042.txt	8	5	38	23	0.4	23	23.0	11552	25114	0	2	0.0	22.0	0.3
data5-8-38-06043.txt	8	5	38	29	1.3	29	29.0	11552	25417	1	0	0.0	26.5	0.4
data5-8-38-06044.txt	8	5	38	28	1.5	28	28.0	11552	25613	1	0	0.0	26.0	0.4
data5-8-38-06045.txt	8	5	38	32	1.1	32	32.0	11552	25821	1	13	0.0	29.5	0.3
data5-8-38-06046.txt	8	5	38	28	0.7	28	28.0	11552	25454	1	4	0.0	26.5	0.4
data5-8-38-06047.txt	8	5	38	23	0.4	23	23.0	11552	25302	0	0	0.0	23.0	0.3
data5-8-38-06048.txt	8	5	38	33	0.9	33	33.0	11552	25626	0	0	0.0	32.0	0.6
data5-8-38-06049.txt	8	5	38	27	0.8	27	27.0	11552	25477	1	8	0.0	25.5	0.4
data5-8-38-06050.txt	8	5	38	24	0.4	24	24.0	11552	25214	0	1	0.0	23.0	0.3
data5-8-38-06051.txt	8	5	38	27	0.5	27	27.0	11552	25465	0	0	0.0	27.0	0.3
data5-8-38-06052.txt	8	5	38	28	0.7	28	28.0	11552	25469	0	0	0.0	27.0	0.4
data5-8-38-06053.txt	8	5	38	34	1.2	34	34.0	11552	25480	1	0	0.0	31.5	0.5
data5-8-38-06054.txt	8	5	38	27	0.5	27	27.0	11552	25428	0	0	0.0	26.5	0.3
data5-8-38-06055.txt	8	5	38	22	0.6	22	22.0	11552	25325	0	0	0.0	21.0	0.3
data5-8-38-06056.txt	8	5	38	24	0.5	24	24.0	11552	25262	0	0	0.0	24.0	0.4
data5-8-38-06057.txt	8	5	38	24	0.8	24	24.0	11552	25119	1	4	0.0	22.0	0.3
data5-8-38-06058.txt	8	5	38	26	0.7	26	26.0	11552	25529	0	5	0.0	25.0	0.5
data5-8-38-06059.txt	8	5	38	32	0.6	32	32.0	11552	25400	0	0	0.0	32.0	0.4
data5-8-38-06060.txt	8	5	38	29	0.8	29	29.0	11552	25621	0	0	0.0	28.5	0.4
data5-8-38-06061.txt	8	5	38	23	0.8	23	23.0	11552	25344	1	2	0.0	21.5	0.4
data5-8-38-06062.txt	8	5	38	23	0.4	23	23.0	11552	25390	0	0	0.0	22.5	0.3
data5-8-38-06063.txt	8	5	38	28	0.4	28	28.0	11552	25270	0	0	0.0	28.0	0.3
data5-8-38-06064.txt	8	5	38	20	0.5	20	20.0	11552	25109	0	0	0.0	19.7	0.3
data5-8-38-06065.txt	8	5	38	28	0.6	28	28.0	11552	25214	0	1	0.0	26.5	0.3
data5-8-38-06066.txt	8	5	38	27	0.6	27	27.0	11552	25563	0	0	0.0	27.0	0.4
data5-8-38-06067.txt	8	5	38	24	0.5	24	24.0	11552	25408	0	0	0.0	23.1	0.4
data5-8-38-06068.txt	8	5	38	25	0.6	25	25.0	11552	25371	0	0	0.0	24.0	0.4
data5-8-38-06069.txt	8	5	38	28	0.6	28	28.0	11552	25199	0	0	0.0	28.0	0.4
data5-8-38-06070.txt	8	5	38	22	0.4	22	22.0	11552	25306	0	1	0.0	21.0	0.3
data5-8-38-06071.txt	8	5	38	26	0.6	26	26.0	11552	25636	0	0	0.0	26.0	0.3
data5-8-38-06072.txt	8	5	38	24	0.4	24	24.0	11552	25392	0	0	0.0	23.5	0.3
data5-8-38-06073.txt	8	5	38	27	0.8	27	27.0	11552	25330	1	16	0.0	25.0	0.3
data5-8-38-06074.txt	8	5	38	32	0.6	32	32.0	11552	25593	0	4	0.0	30.0	0.4
data5-8-38-06075.txt	8	5	38	26	0.5	26	26.0	11552	25365	0	0	0.0	26.0	0.3
data5-8-38-06076.txt	8	5	38	25	0.6	25	25.0	11552	25840	0	0	0.0	25.0	0.4
data5-8-38-06077.txt	8	5	38	29	29.5	29	29.0	11552	25541	1786	0	0.0	25.0	0.6
data5-8-38-06078.txt	8	5	38	26	0.5	26	26.0	11552	25394	1	2	0.0	24.5	0.3
data5-8-38-06079.txt	8	5	38	30	1.6	30	30.0	11552	25345	1	5	0.0	28.0	0.5
data5-8-38-06080.txt	8	5	38	21	0.4	21	21.0	11552	25264	0	0	0.0	21.0	0.3
data5-8-38-06081.txt	8	5	38	28	1.0	28	28.0	11552	25554	1	8	0.0	25.0	0.4
data5-8-38-06082.txt	8	5	38	25	0.5	25	25.0	11552	25365	0	0	0.0	24.5	0.3
data5-8-38-06083.txt	8	5	38	25	0.4	25	25.0	11552	25262	0	1	0.0	24.0	0.3
data5-8-38-06084.txt	8	5	38	27	0.7	27	27.0	11552	25498	0	0	0.0	27.0	0.5
data5-8-38-06085.txt	8	5	38	31	1.5	31	31.0	11552	25351	49	31	0.0	29.0	0.5
data5-8-38-06086.txt	8	5	38	29	1.2	29	29.0	11552	25328	41	7	0.0	26.0	0.3
data5-8-38-06087.txt	8	5	38	32	0.6	32	32.0	11552	25420	0	0	0.0	31.5	0.4
data5-8-38-06088.txt	8	5	38	26	0.9	26	26.0	11552	25499	0	0	0.0	24.9	0.5
data5-8-38-06089.txt	8	5	38	25	0.5	25	25.0	11552	25271	0	0	0.0	24.0	0.3
data5-8-38-06090.txt	8	5	38	32	2.0	32	32.0	11552	25636	1	3	0.0	30.5	0.8
data5-8-38-06091.txt	8	5	38	21	0.4	21	21.0	11552	25138	0	0	0.0	21.0	0.3
data5-8-38-06092.txt	8	5	38	22	0.4	22	22.0	11552	25241	0	0	0.0	22.0	0.3
data5-8-38-06093.txt	8	5	38	27	0.9	27	27.0	11552	25328	0	0	0.0	26.5	0.6
data5-8-38-06094.txt	8	5	38	29	1.0	29	29.0	11552	25433	1	0	0.0	28.0	0.5
data5-8-38-06095.txt	8	5	38	36	7.1	36	36.0	11552	25384	826	20	0.0	30.7	0.5
data5-8-38-06096.txt	8	5	38	32	1.0	32	32.0	11552	25233	1	2	0.0	29.0	0.3
data5-8-38-06097.txt	8	5	38	26	0.5	26	26.0	11552	25408	0	3	0.0	25.0	0.3
data5-8-38-06098.txt	8	5	38	27	1.1	27	27.0	11552	25433	1	10	0.0	25.5	0.4
data5-8-38-06099.txt	8	5	38	27	0.5	27	27.0	11552	25186	0	0	0.0	27.0	0.3
data5-8-38-06100.txt	8	5	38	24	0.5	24	24.0	11552	25334	0	0	0.0	23.3	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-8-39-06101.txt	8	5	39	26	0.7	26	26.0	12168	26662	0	0	0.0	25.0	0.4
data5-8-39-06102.txt	8	5	39	19	0.4	19	19.0	12168	26544	0	0	0.0	19.0	0.3
data5-8-39-06103.txt	8	5	39	32	4.5	32	32.0	12168	26917	428	28	0.0	29.5	0.6
data5-8-39-06104.txt	8	5	39	30	0.5	30	30.0	12168	26663	0	0	0.0	30.0	0.3
data5-8-39-06105.txt	8	5	39	33	36.2	33	33.0	12168	26973	2406	71	0.0	29.0	0.8
data5-8-39-06106.txt	8	5	39	20	0.5	20	20.0	12168	26439	0	0	0.0	20.0	0.3
data5-8-39-06107.txt	8	5	39	26	0.5	26	26.0	12168	26819	0	0	0.0	26.0	0.4
data5-8-39-06108.txt	8	5	39	27	0.6	27	27.0	12168	26686	0	0	0.0	26.0	0.3
data5-8-39-06109.txt	8	5	39	30	1.2	30	30.0	12168	26902	1	7	0.0	29.0	0.5
data5-8-39-06110.txt	8	5	39	26	0.4	26	26.0	12168	26512	0	0	0.0	25.5	0.3
data5-8-39-06111.txt	8	5	39	27	0.9	27	27.0	12168	26749	0	0	0.0	25.8	0.4
data5-8-39-06112.txt	8	5	39	27	1.2	27	27.0	12168	26846	1	0	0.0	26.0	0.6
data5-8-39-06113.txt	8	5	39	27	0.7	27	27.0	12168	26773	0	2	0.0	26.0	0.4
data5-8-39-06114.txt	8	5	39	31	0.6	31	31.0	12168	26722	0	0	0.0	30.0	0.4
data5-8-39-06115.txt	8	5	39	27	0.4	27	27.0	12168	26638	0	1	0.0	26.0	0.3
data5-8-39-06116.txt	8	5	39	29	1.6	29	29.0	12168	26729	1	2	0.0	26.5	0.4
data5-8-39-06117.txt	8	5	39	21	0.4	21	21.0	12168	26640	0	0	0.0	21.0	0.3
data5-8-39-06118.txt	8	5	39	29	0.8	29	29.0	12168	26712	1	46	0.0	28.0	0.4
data5-8-39-06119.txt	8	5	39	30	0.6	30	30.0	12168	26562	0	0	0.0	29.0	0.4
data5-8-39-06120.txt	8	5	39	29	6.2	29	29.0	12168	26579	1573	21	0.0	25.5	0.5
data5-8-39-06121.txt	8	5	39	32	0.9	32	32.0	12168	26907	0	3	0.0	31.0	0.5
data5-8-39-06122.txt	8	5	39	35	25.3	35	35.0	12168	26945	1923	47	0.0	30.2	0.7
data5-8-39-06123.txt	8	5	39	26	0.7	26	26.0	12168	26765	0	0	0.0	25.5	0.4
data5-8-39-06124.txt	8	5	39	24	0.4	24	24.0	12168	26696	0	0	0.0	23.5	0.3
data5-8-39-06125.txt	8	5	39	27	0.7	27	27.0	12168	26655	0	0	0.0	27.0	0.4
data5-8-39-06126.txt	8	5	39	25	0.5	25	25.0	12168	26600	0	0	0.0	25.0	0.3
data5-8-39-06127.txt	8	5	39	24	0.6	24	24.0	12168	26688	0	0	0.0	23.5	0.4
data5-8-39-06128.txt	8	5	39	24	0.7	24	24.0	12168	26782	1	10	0.0	23.0	0.4
data5-8-39-06129.txt	8	5	39	29	0.6	29	29.0	12168	26771	0	0	0.0	28.3	0.5
data5-8-39-06130.txt	8	5	39	30	0.7	30	30.0	12168	26654	0	0	0.0	29.5	0.4
data5-8-39-06131.txt	8	5	39	26	0.5	26	26.0	12168	26906	0	0	0.0	26.0	0.3
data5-8-39-06132.txt	8	5	39	28	0.7	28	28.0	12168	26629	0	0	0.0	27.0	0.5
data5-8-39-06133.txt	8	5	39	28	1.0	28	28.0	12168	26807	1	22	0.0	27.0	0.4
data5-8-39-06134.txt	8	5	39	26	0.6	26	26.0	12168	26846	0	0	0.0	25.2	0.4
data5-8-39-06135.txt	8	5	39	23	0.9	23	23.0	12168	26679	1	2	0.0	21.0	0.3
data5-8-39-06136.txt	8	5	39	29	0.8	29	29.0	12168	26814	0	0	0.0	29.0	0.5
data5-8-39-06137.txt	8	5	39	31	1.4	31	31.0	12168	26879	1	7	0.0	29.5	0.8
data5-8-39-06138.txt	8	5	39	26	0.4	26	26.0	12168	26610	0	2	0.0	25.0	0.3
data5-8-39-06139.txt	8	5	39	29	0.6	29	29.0	12168	27005	0	0	0.0	28.5	0.4
data5-8-39-06140.txt	8	5	39	29	6.4	29	29.0	12168	26549	1562	17	0.0	24.5	0.6
data5-8-39-06141.txt	8	5	39	24	0.4	24	24.0	12168	26791	0	0	0.0	24.0	0.3
data5-8-39-06142.txt	8	5	39	24	0.9	24	24.0	12168	26973	67	40	0.0	22.0	0.4
data5-8-39-06143.txt	8	5	39	24	0.6	24	24.0	12168	26498	1	4	0.0	22.0	0.3
data5-8-39-06144.txt	8	5	39	27	1.0	27	27.0	12168	26879	0	5	0.0	25.0	0.4
data5-8-39-06145.txt	8	5	39	28	0.9	28	28.0	12168	26632	1	6	0.0	27.0	0.4
data5-8-39-06146.txt	8	5	39	30	0.8	30	30.0	12168	26627	1	0	0.0	28.5	0.4
data5-8-39-06147.txt	8	5	39	31	0.6	31	31.0	12168	26625	0	0	0.0	30.2	0.5
data5-8-39-06148.txt	8	5	39	32	1.6	32	32.0	12168	26934	1	15	0.0	31.0	0.6
data5-8-39-06149.txt	8	5	39	28	0.6	28	28.0	12168	26757	0	2	0.0	27.0	0.4
data5-8-39-06150.txt	8	5	39	25	0.6	25	25.0	12168	26555	0	0	0.0	25.0	0.4
data5-8-39-06151.txt	8	5	39	26	1.0	26	26.0	12168	26705	1	2	0.0	25.0	0.6
data5-8-39-06152.txt	8	5	39	25	0.5	25	25.0	12168	26652	0	0	0.0	25.0	0.3
data5-8-39-06153.txt	8	5	39	36	1.1	36	36.0	12168	26959	1	7	0.0	33.2	0.4
data5-8-39-06154.txt	8	5	39	27	0.6	27	27.0	12168	26758	0	0	0.0	27.0	0.4
data5-8-39-06155.txt	8	5	39	23	0.4	23	23.0	12168	26500	0	0	0.0	22.5	0.3
data5-8-39-06156.txt	8	5	39	31	0.7	31	31.0	12168	26942	0	9	0.0	30.0	0.5
data5-8-39-06157.txt	8	5	39	28	1.9	28	28.0	12168	26917	12	54	0.0	25.5	0.7
data5-8-39-06158.txt	8	5	39	23	0.5	23	23.0	12168	26762	0	0	0.0	22.2	0.3
data5-8-39-06159.txt	8	5	39	31	0.5	31	31.0	12168	26531	0	0	0.0	30.2	0.4
data5-8-39-06160.txt	8	5	39	26	0.6	26	26.0	12168	26669	0	2	0.0	25.0	0.3
data5-8-39-06161.txt	8	5	39	27	0.8	27	27.0	12168	26770	1	3	0.0	24.5	0.3
data5-8-39-06162.txt	8	5	39	25	1.1	25	25.0	12168	26554	1	0	0.0	22.8	0.6
data5-8-39-06163.txt	8	5	39	32	3.3	32	32.0	12168	26766	135	6	0.0	29.0	0.5
data5-8-39-06164.txt	8	5	39	32	1.7	32	32.0	12168	26745	1	1	0.0	28.2	0.4
data5-8-39-06165.txt	8	5	39	29	0.7	29	29.0	12168	26831	0	0	0.0	28.9	0.4
data5-8-39-06166.txt	8	5	39	23	0.5	23	23.0	12168	26591	0	0	0.0	23.0	0.3
data5-8-39-06167.txt	8	5	39	27	0.8	27	27.0	12168	26649	1	0	0.0	25.0	0.3
data5-8-39-06168.txt	8	5	39	30	0.6	30	30.0	12168	26728	0	0	0.0	30.0	0.4
data5-8-39-06169.txt	8	5	39	26	0.9	26	26.0	12168	26934	0	0	0.0	24.9	0.5
data5-8-39-06170.txt	8	5	39	26	0.6	26	26.0	12168	26551	1	1	0.0	24.5	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-8-39-06171.txt	8	5	39	27	0.7	27	27.0	12168	26990	0	0	0.0	27.0	0.5
data5-8-39-06172.txt	8	5	39	30	0.7	30	30.0	12168	26923	0	0	0.0	30.0	0.5
data5-8-39-06173.txt	8	5	39	21	0.4	21	21.0	12168	26533	0	0	0.0	21.0	0.3
data5-8-39-06174.txt	8	5	39	24	0.5	24	24.0	12168	26800	0	0	0.0	22.5	0.3
data5-8-39-06175.txt	8	5	39	33	2.6	33	33.0	12168	26836	1	0	0.0	28.5	0.6
data5-8-39-06176.txt	8	5	39	24	0.6	24	24.0	12168	26743	0	0	0.0	24.0	0.4
data5-8-39-06177.txt	8	5	39	22	0.6	22	22.0	12168	26680	0	0	0.0	22.0	0.4
data5-8-39-06178.txt	8	5	39	28	0.9	28	28.0	12168	26515	1	30	0.0	26.5	0.4
data5-8-39-06179.txt	8	5	39	27	0.5	27	27.0	12168	26559	0	0	0.0	27.0	0.4
data5-8-39-06180.txt	8	5	39	27	0.5	27	27.0	12168	26840	0	0	0.0	27.0	0.3
data5-8-39-06181.txt	8	5	39	34	1.0	34	34.0	12168	26838	1	8	0.0	31.0	0.4
data5-8-39-06182.txt	8	5	39	32	1.0	32	32.0	12168	26991	1	7	0.0	30.0	0.4
data5-8-39-06183.txt	8	5	39	27	0.5	27	27.0	12168	26915	0	9	0.0	26.0	0.3
data5-8-39-06184.txt	8	5	39	28	0.4	28	28.0	12168	26632	0	0	0.0	28.0	0.3
data5-8-39-06185.txt	8	5	39	25	0.6	25	25.0	12168	26753	0	0	0.0	24.0	0.4
data5-8-39-06186.txt	8	5	39	25	0.9	25	25.0	12168	26605	1	1	0.0	23.0	0.3
data5-8-39-06187.txt	8	5	39	25	0.7	25	25.0	12168	26701	0	0	0.0	24.5	0.5
data5-8-39-06188.txt	8	5	39	35	1.4	35	35.0	12168	26680	1	2	0.0	33.0	0.4
data5-8-39-06189.txt	8	5	39	34	0.9	34	34.0	12168	26779	1	4	0.0	32.0	0.4
data5-8-39-06190.txt	8	5	39	25	0.5	25	25.0	12168	26552	0	0	0.0	24.0	0.3
data5-8-39-06191.txt	8	5	39	20	0.5	20	20.0	12168	26292	0	0	0.0	19.5	0.3
data5-8-39-06192.txt	8	5	39	32	0.7	32	32.0	12168	27059	1	0	0.0	30.0	0.4
data5-8-39-06193.txt	8	5	39	24	0.5	24	24.0	12168	26451	0	0	0.0	24.0	0.3
data5-8-39-06194.txt	8	5	39	26	0.5	26	26.0	12168	26681	0	0	0.0	25.5	0.3
data5-8-39-06195.txt	8	5	39	23	1.1	23	23.0	12168	26674	1	0	0.0	21.0	0.3
data5-8-39-06196.txt	8	5	39	24	0.5	24	24.0	12168	26559	0	0	0.0	22.8	0.3
data5-8-39-06197.txt	8	5	39	32	6.9	32	32.0	12168	26867	1169	33	0.0	28.5	0.6
data5-8-39-06198.txt	8	5	39	24	0.4	24	24.0	12168	26384	0	0	0.0	24.0	0.3
data5-8-39-06199.txt	8	5	39	32	0.5	32	32.0	12168	26894	0	2	0.0	31.0	0.4
data5-8-39-06200.txt	8	5	39	23	0.8	23	23.0	12168	26826	1	0	0.0	21.0	0.4
data5-9-40-08201.txt	9	5	40	28	6.2	28	28.0	14400	31802	198	17	0.0	25.5	0.8
data5-9-40-08202.txt	9	5	40	26	0.8	26	26.0	14400	31322	0	0	0.0	26.0	0.5
data5-9-40-08203.txt	9	5	40	28	1.5	28	28.0	14400	31944	1	0	0.0	26.0	0.6
data5-9-40-08204.txt	9	5	40	29	1.1	29	29.0	14400	31777	0	0	0.0	28.0	0.6
data5-9-40-08205.txt	9	5	40	26	0.7	26	26.0	14400	31592	0	0	0.0	25.5	0.4
data5-9-40-08206.txt	9	5	40	22	1.0	22	22.0	14400	31468	1	0	0.0	19.5	0.4
data5-9-40-08207.txt	9	5	40	22	0.6	22	22.0	14400	31459	0	0	0.0	21.5	0.4
data5-9-40-08208.txt	9	5	40	31	1.9	31	31.0	14400	31645	1	0	0.0	29.2	0.8
data5-9-40-08209.txt	9	5	40	23	0.7	23	23.0	14400	31512	0	0	0.0	21.5	0.4
data5-9-40-08210.txt	9	5	40	28	1.0	28	28.0	14400	31681	0	0	0.0	27.0	0.6
data5-9-40-08211.txt	9	5	40	26	1.5	26	26.0	14400	31647	1	0	0.0	24.0	0.6
data5-9-40-08212.txt	9	5	40	23	0.6	23	23.0	14400	31499	0	0	0.0	23.0	0.4
data5-9-40-08213.txt	9	5	40	29	1.5	29	29.0	14400	31635	1	7	0.0	27.3	0.5
data5-9-40-08214.txt	9	5	40	23	0.6	23	23.0	14400	31491	0	0	0.0	23.0	0.4
data5-9-40-08215.txt	9	5	40	20	0.5	20	20.0	14400	31262	0	0	0.0	19.5	0.3
data5-9-40-08216.txt	9	5	40	26	0.8	26	26.0	14400	31865	0	0	0.0	26.0	0.5
data5-9-40-08217.txt	9	5	40	20	0.6	20	20.0	14400	31716	0	2	0.0	19.0	0.4
data5-9-40-08218.txt	9	5	40	25	0.9	25	25.0	14400	31557	0	0	0.0	25.0	0.6
data5-9-40-08219.txt	9	5	40	24	1.3	24	24.0	14400	31378	1	11	0.0	22.5	0.5
data5-9-40-08220.txt	9	5	40	28	2.2	28	28.0	14400	31806	4	5	0.0	26.2	0.7
data5-9-40-08221.txt	9	5	40	26	0.8	26	26.0	14400	31566	0	0	0.0	25.0	0.4
data5-9-40-08222.txt	9	5	40	18	0.5	18	18.0	14400	31367	0	0	0.0	18.0	0.3
data5-9-40-08223.txt	9	5	40	29	0.9	29	29.0	14400	32032	0	0	0.0	28.5	0.8
data5-9-40-08224.txt	9	5	40	23	0.8	23	23.0	14400	31508	0	0	0.0	22.0	0.4
data5-9-40-08225.txt	9	5	40	22	0.7	22	22.0	14400	31588	0	0	0.0	21.0	0.4
data5-9-40-08226.txt	9	5	40	26	0.6	26	26.0	14400	31560	0	0	0.0	26.0	0.4
data5-9-40-08227.txt	9	5	40	26	0.7	26	26.0	14400	31437	0	0	0.0	25.0	0.4
data5-9-40-08228.txt	9	5	40	30	1.2	30	30.0	14400	31733	0	0	0.0	29.5	0.8
data5-9-40-08229.txt	9	5	40	24	0.8	24	24.0	14400	31585	0	0	0.0	23.0	0.5
data5-9-40-08230.txt	9	5	40	24	0.9	24	24.0	14400	31637	0	0	0.0	23.0	0.4
data5-9-40-08231.txt	9	5	40	24	0.6	24	24.0	14400	31494	0	0	0.0	24.0	0.4
data5-9-40-08232.txt	9	5	40	24	1.0	24	24.0	14400	31791	0	0	0.0	23.0	0.6
data5-9-40-08233.txt	9	5	40	23	0.7	23	23.0	14400	31478	0	0	0.0	23.0	0.5
data5-9-40-08234.txt	9	5	40	24	0.8	24	24.0	14400	31903	0	0	0.0	23.5	0.5
data5-9-40-08235.txt	9	5	40	25	0.7	25	25.0	14400	31377	0	0	0.0	25.0	0.5
data5-9-40-08236.txt	9	5	40	25	0.6	25	25.0	14400	31530	0	0	0.0	25.0	0.4
data5-9-40-08237.txt	9	5	40	30	7.6	30	30.0	14400	31790	463	15	0.0	26.0	0.6
data5-9-40-08238.txt	9	5	40	32	2.1	32	32.0	14400	31930	1	0	0.0	30.0	0.6
data5-9-40-08239.txt	9	5	40	28	0.9	28	28.0	14400	31519	1	0	0.0	27.0	0.4
data5-9-40-08240.txt	9	5	40	22	0.6	22	22.0	14400	31525	0	0	0.0	22.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-40-08241.txt	9	5	40	27	1.0	27	27.0	14400	31787	0	4	0.0	26.0	0.6
data5-9-40-08242.txt	9	5	40	26	0.7	26	26.0	14400	31526	0	0	0.0	26.0	0.4
data5-9-40-08243.txt	9	5	40	24	1.0	24	24.0	14400	31304	0	0	0.0	22.3	0.5
data5-9-40-08244.txt	9	5	40	25	1.3	25	25.0	14400	31449	1	5	0.0	23.3	0.4
data5-9-40-08245.txt	9	5	40	25	0.8	25	25.0	14400	31493	0	0	0.0	25.0	0.5
data5-9-40-08246.txt	9	5	40	29	0.9	29	29.0	14400	31832	0	0	0.0	29.0	0.7
data5-9-40-08247.txt	9	5	40	20	0.5	20	20.0	14400	31328	0	0	0.0	19.5	0.3
data5-9-40-08248.txt	9	5	40	29	1.8	29	29.0	14400	31905	1	0	0.0	27.0	0.6
data5-9-40-08249.txt	9	5	40	24	0.5	24	24.0	14400	31368	0	0	0.0	23.5	0.3
data5-9-40-08250.txt	9	5	40	26	0.9	26	26.0	14400	32178	0	0	0.0	26.0	0.5
data5-9-40-08251.txt	9	5	40	24	0.6	24	24.0	14400	31380	0	0	0.0	24.0	0.4
data5-9-40-08252.txt	9	5	40	24	0.7	24	24.0	14400	31429	0	0	0.0	24.0	0.6
data5-9-40-08253.txt	9	5	40	24	0.7	24	24.0	14400	31425	0	0	0.0	23.7	0.4
data5-9-40-08254.txt	9	5	40	27	1.0	27	27.0	14400	31698	0	0	0.0	26.0	0.6
data5-9-40-08255.txt	9	5	40	24	0.7	24	24.0	14400	31751	0	0	0.0	23.5	0.5
data5-9-40-08256.txt	9	5	40	33	8.4	33	33.0	14400	31823	34	0	0.0	27.9	0.8
data5-9-40-08257.txt	9	5	40	27	1.0	27	27.0	14400	31688	0	0	0.0	25.3	0.7
data5-9-40-08258.txt	9	5	40	31	3.7	31	31.0	14400	31778	1	8	0.0	28.5	0.9
data5-9-40-08259.txt	9	5	40	28	0.9	28	28.0	14400	31394	0	1	0.0	27.0	0.5
data5-9-40-08260.txt	9	5	40	29	0.9	29	29.0	14400	31406	0	0	0.0	28.0	0.6
data5-9-40-08261.txt	9	5	40	25	0.6	25	25.0	14400	31166	0	0	0.0	25.0	0.4
data5-9-40-08262.txt	9	5	40	23	0.7	23	23.0	14400	31429	1	10	0.0	22.0	0.4
data5-9-40-08263.txt	9	5	40	31	2.3	31	31.0	14400	31565	1	6	0.0	28.5	0.6
data5-9-40-08264.txt	9	5	40	26	2.1	26	26.0	14400	31800	64	0	0.0	23.5	0.5
data5-9-40-08265.txt	9	5	40	31	4.6	31	31.0	14400	31839	1	5	0.0	28.5	0.7
data5-9-40-08266.txt	9	5	40	28	0.9	28	28.0	14400	31957	0	2	0.0	27.0	0.6
data5-9-40-08267.txt	9	5	40	24	0.9	24	24.0	14400	31630	0	0	0.0	24.0	0.5
data5-9-40-08268.txt	9	5	40	31	42.4	31	31.0	14400	31765	2139	1	0.0	26.4	0.7
data5-9-40-08269.txt	9	5	40	23	0.6	23	23.0	14400	31450	0	0	0.0	22.3	0.4
data5-9-40-08270.txt	9	5	40	26	1.7	26	26.0	14400	31584	1	0	0.0	24.3	0.6
data5-9-40-08271.txt	9	5	40	28	1.1	28	28.0	14400	31627	1	3	0.0	26.5	0.5
data5-9-40-08272.txt	9	5	40	30	1.0	30	30.0	14400	31662	0	0	0.0	30.0	0.6
data5-9-40-08273.txt	9	5	40	23	0.8	23	23.0	14400	31356	0	0	0.0	22.0	0.5
data5-9-40-08274.txt	9	5	40	25	2.1	25	25.0	14400	31478	139	7	0.0	23.0	0.5
data5-9-40-08275.txt	9	5	40	26	0.9	26	26.0	14400	31684	0	0	0.0	24.5	0.4
data5-9-40-08276.txt	9	5	40	28	1.2	28	28.0	14400	31659	0	0	0.0	27.3	0.8
data5-9-40-08277.txt	9	5	40	28	1.9	28	28.0	14400	31807	1	1	0.0	25.5	0.5
data5-9-40-08278.txt	9	5	40	21	0.5	21	21.0	14400	31398	0	0	0.0	21.0	0.3
data5-9-40-08279.txt	9	5	40	19	0.5	19	19.0	14400	31469	0	0	0.0	19.0	0.4
data5-9-40-08280.txt	9	5	40	33	1.0	33	33.0	14400	31777	0	0	0.0	31.5	0.5
data5-9-40-08281.txt	9	5	40	22	0.7	22	22.0	14400	31410	0	0	0.0	22.0	0.5
data5-9-40-08282.txt	9	5	40	23	0.7	23	23.0	14400	31654	0	0	0.0	22.0	0.4
data5-9-40-08283.txt	9	5	40	24	0.5	24	24.0	14400	31136	0	0	0.0	23.3	0.3
data5-9-40-08284.txt	9	5	40	26	0.6	26	26.0	14400	31415	0	0	0.0	25.5	0.4
data5-9-40-08285.txt	9	5	40	26	0.7	26	26.0	14400	31343	1	0	0.0	24.5	0.4
data5-9-40-08286.txt	9	5	40	18	0.6	18	18.0	14400	31302	0	0	0.0	18.0	0.4
data5-9-40-08287.txt	9	5	40	25	0.7	25	25.0	14400	31452	0	0	0.0	23.5	0.4
data5-9-40-08288.txt	9	5	40	27	0.9	27	27.0	14400	31735	0	0	0.0	26.5	0.6
data5-9-40-08289.txt	9	5	40	26	1.1	26	26.0	14400	31703	1	25	0.0	25.0	0.5
data5-9-40-08290.txt	9	5	40	22	0.7	22	22.0	14400	31532	0	0	0.0	22.0	0.4
data5-9-40-08291.txt	9	5	40	29	1.0	29	29.0	14400	31737	0	0	0.0	27.7	0.5
data5-9-40-08292.txt	9	5	40	23	0.7	23	23.0	14400	31652	0	0	0.0	23.0	0.4
data5-9-40-08293.txt	9	5	40	24	0.7	24	24.0	14400	31639	0	0	0.0	24.0	0.4
data5-9-40-08294.txt	9	5	40	25	1.1	25	25.0	14400	31718	0	0	0.0	24.0	0.6
data5-9-40-08295.txt	9	5	40	32	2.6	32	32.0	14400	31586	27	10	0.0	29.0	0.8
data5-9-40-08296.txt	9	5	40	25	0.6	25	25.0	14400	31525	0	0	0.0	25.0	0.4
data5-9-40-08297.txt	9	5	40	26	0.7	26	26.0	14400	31355	0	1	0.0	25.0	0.4
data5-9-40-08298.txt	9	5	40	24	0.9	24	24.0	14400	31216	1	0	0.0	22.5	0.6
data5-9-40-08299.txt	9	5	40	28	1.1	28	28.0	14400	31823	0	0	0.0	28.0	0.6
data5-9-40-08300.txt	9	5	40	26	1.2	26	26.0	14400	32118	0	0	0.0	25.0	0.6
data5-9-41-08301.txt	9	5	41	26	1.0	26	26.0	15129	33283	0	0	0.0	25.0	0.5
data5-9-41-08302.txt	9	5	41	23	0.6	23	23.0	15129	33138	0	1	0.0	22.0	0.4
data5-9-41-08303.txt	9	5	41	25	0.8	25	25.0	15129	32906	0	0	0.0	25.0	0.5
data5-9-41-08304.txt	9	5	41	30	0.7	30	30.0	15129	32766	0	1	0.0	29.0	0.4
data5-9-41-08305.txt	9	5	41	24	0.7	24	24.0	15129	33008	0	0	0.0	24.0	0.5
data5-9-41-08306.txt	9	5	41	29	1.1	29	29.0	15129	33317	0	0	0.0	29.0	0.6
data5-9-41-08307.txt	9	5	41	28	3.3	28	28.0	15129	32973	77	10	0.0	25.6	0.5
data5-9-41-08308.txt	9	5	41	23	0.7	23	23.0	15129	32879	0	0	0.0	22.0	0.4
data5-9-41-08309.txt	9	5	41	19	0.5	19	19.0	15129	33101	0	0	0.0	19.0	0.3
data5-9-41-08310.txt	9	5	41	28	0.8	28	28.0	15129	33414	0	0	0.0	28.0	0.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-41-08311.txt	9	5	41	29	1.2	29	29.0	15129	32999	1	8	0.0	25.5	0.5
data5-9-41-08312.txt	9	5	41	22	0.6	22	22.0	15129	33013	0	0	0.0	22.0	0.4
data5-9-41-08313.txt	9	5	41	26	0.8	26	26.0	15129	33158	0	0	0.0	25.2	0.5
data5-9-41-08314.txt	9	5	41	28	0.8	28	28.0	15129	33001	0	0	0.0	28.0	0.6
data5-9-41-08315.txt	9	5	41	30	0.9	30	30.0	15129	32984	1	6	0.0	28.5	0.4
data5-9-41-08316.txt	9	5	41	24	0.7	24	24.0	15129	32996	0	0	0.0	24.0	0.4
data5-9-41-08317.txt	9	5	41	22	0.5	22	22.0	15129	32624	0	1	0.0	21.0	0.3
data5-9-41-08318.txt	9	5	41	27	0.7	27	27.0	15129	33068	0	0	0.0	27.0	0.5
data5-9-41-08319.txt	9	5	41	29	1.4	29	29.0	15129	33569	1	34	0.0	28.0	0.8
data5-9-41-08320.txt	9	5	41	23	0.8	23	23.0	15129	33254	0	0	0.0	22.0	0.5
data5-9-41-08321.txt	9	5	41	26	0.7	26	26.0	15129	33158	0	0	0.0	26.0	0.4
data5-9-41-08322.txt	9	5	41	24	0.8	24	24.0	15129	32836	0	0	0.0	23.0	0.4
data5-9-41-08323.txt	9	5	41	29	1.0	29	29.0	15129	33092	0	0	0.0	28.5	0.6
data5-9-41-08324.txt	9	5	41	31	1.1	31	31.0	15129	33176	0	0	0.0	31.0	0.7
data5-9-41-08325.txt	9	5	41	23	0.7	23	23.0	15129	33045	0	0	0.0	22.5	0.4
data5-9-41-08326.txt	9	5	41	30	1.4	30	30.0	15129	33482	1	4	0.0	28.7	0.7
data5-9-41-08327.txt	9	5	41	26	0.7	26	26.0	15129	33305	0	0	0.0	25.0	0.4
data5-9-41-08328.txt	9	5	41	26	0.8	26	26.0	15129	33006	0	0	0.0	25.2	0.5
data5-9-41-08329.txt	9	5	41	29	1.4	29	29.0	15129	33256	1	0	0.0	27.0	0.7
data5-9-41-08330.txt	9	5	41	34	3.9	34	34.0	15129	33209	172	77	0.0	32.0	0.9
data5-9-41-08331.txt	9	5	41	26	0.7	26	26.0	15129	33060	0	0	0.0	25.5	0.4
data5-9-41-08332.txt	9	5	41	29	1.3	29	29.0	15129	33375	1	9	0.0	28.0	0.8
data5-9-41-08333.txt	9	5	41	28	2.6	28	28.0	15129	33219	3	0	0.0	25.8	0.7
data5-9-41-08334.txt	9	5	41	27	1.0	27	27.0	15129	33376	0	0	0.0	26.0	0.5
data5-9-41-08335.txt	9	5	41	28	0.7	28	28.0	15129	33254	0	0	0.0	28.0	0.4
data5-9-41-08336.txt	9	5	41	28	1.1	28	28.0	15129	33065	1	13	0.0	27.0	0.5
data5-9-41-08337.txt	9	5	41	25	0.9	25	25.0	15129	33231	0	0	0.0	24.0	0.5
data5-9-41-08338.txt	9	5	41	27	2.3	27	27.0	15129	33269	133	0	0.0	25.0	0.5
data5-9-41-08339.txt	9	5	41	28	1.9	28	28.0	15129	33415	1	19	0.0	27.0	0.6
data5-9-41-08340.txt	9	5	41	22	0.5	22	22.0	15129	33084	0	0	0.0	22.0	0.4
data5-9-41-08341.txt	9	5	41	28	0.9	28	28.0	15129	33091	0	0	0.0	27.0	0.5
data5-9-41-08342.txt	9	5	41	28	1.0	28	28.0	15129	33186	0	0	0.0	26.3	0.6
data5-9-41-08343.txt	9	5	41	25	1.3	25	25.0	15129	33332	0	0	0.0	23.5	0.6
data5-9-41-08344.txt	9	5	41	21	0.8	21	21.0	15129	32538	1	1	0.0	19.0	0.4
data5-9-41-08345.txt	9	5	41	28	1.1	28	28.0	15129	33143	0	0	0.0	26.7	0.5
data5-9-41-08346.txt	9	5	41	23	0.7	23	23.0	15129	32829	0	0	0.0	21.5	0.4
data5-9-41-08347.txt	9	5	41	28	1.0	28	28.0	15129	32874	0	0	0.0	28.0	0.6
data5-9-41-08348.txt	9	5	41	25	0.7	25	25.0	15129	32742	0	0	0.0	25.0	0.4
data5-9-41-08349.txt	9	5	41	23	0.6	23	23.0	15129	32823	1	12	0.0	22.0	0.4
data5-9-41-08350.txt	9	5	41	27	0.6	27	27.0	15129	33054	0	0	0.0	27.0	0.5
data5-9-41-08351.txt	9	5	41	22	0.8	22	22.0	15129	33398	0	0	0.0	20.7	0.5
data5-9-41-08352.txt	9	5	41	28	1.9	28	28.0	15129	33245	1	12	0.0	27.0	0.9
data5-9-41-08353.txt	9	5	41	25	0.7	25	25.0	15129	32939	0	0	0.0	24.2	0.4
data5-9-41-08354.txt	9	5	41	27	0.8	27	27.0	15129	33269	0	0	0.0	26.2	0.6
data5-9-41-08355.txt	9	5	41	29	0.8	29	29.0	15129	33039	0	0	0.0	29.0	0.5
data5-9-41-08356.txt	9	5	41	35	1.5	35	35.0	15129	33534	0	0	0.0	34.0	0.7
data5-9-41-08357.txt	9	5	41	26	1.0	26	26.0	15129	33256	0	0	0.0	25.0	0.6
data5-9-41-08358.txt	9	5	41	39	4.5	39	39.0	15129	33746	22	22	0.0	37.0	1.1
data5-9-41-08359.txt	9	5	41	31	1.4	31	31.0	15129	33459	0	0	0.0	29.5	0.7
data5-9-41-08360.txt	9	5	41	33	1.1	33	33.0	15129	33326	0	0	0.0	32.5	0.8
data5-9-41-08361.txt	9	5	41	25	0.8	25	25.0	15129	32852	1	0	0.0	23.0	0.4
data5-9-41-08362.txt	9	5	41	28	0.9	28	28.0	15129	32938	0	0	0.0	28.0	0.6
data5-9-41-08363.txt	9	5	41	22	0.6	22	22.0	15129	32713	0	0	0.0	22.0	0.4
data5-9-41-08364.txt	9	5	41	26	0.6	26	26.0	15129	32910	0	0	0.0	26.0	0.4
data5-9-41-08365.txt	9	5	41	30	1.0	30	30.0	15129	33600	0	0	0.0	30.0	0.7
data5-9-41-08366.txt	9	5	41	21	0.6	21	21.0	15129	33092	0	0	0.0	21.0	0.4
data5-9-41-08367.txt	9	5	41	36	1.9	36	36.0	15129	33533	1	0	0.0	35.0	0.8
data5-9-41-08368.txt	9	5	41	33	1.9	33	33.0	15129	33588	1	3	0.0	32.0	1.1
data5-9-41-08369.txt	9	5	41	23	0.7	23	23.0	15129	32897	0	2	0.0	22.0	0.4
data5-9-41-08370.txt	9	5	41	28	1.0	28	28.0	15129	33268	0	0	0.0	28.0	0.7
data5-9-41-08371.txt	9	5	41	26	0.7	26	26.0	15129	33136	0	0	0.0	26.0	0.5
data5-9-41-08372.txt	9	5	41	32	1.3	32	32.0	15129	33272	0	0	0.0	32.0	0.9
data5-9-41-08373.txt	9	5	41	31	1.7	31	31.0	15129	33239	1	1	0.0	27.2	0.7
data5-9-41-08374.txt	9	5	41	27	2.3	27	27.0	15129	33527	1	7	0.0	25.0	0.7
data5-9-41-08375.txt	9	5	41	25	0.9	25	25.0	15129	33090	1	10	0.0	24.0	0.5
data5-9-41-08376.txt	9	5	41	32	1.5	32	32.0	15129	33473	0	0	0.0	32.0	1.1
data5-9-41-08377.txt	9	5	41	27	1.0	27	27.0	15129	33176	0	2	0.0	26.0	0.6
data5-9-41-08378.txt	9	5	41	30	5.6	30	30.0	15129	33333	347	7	0.0	26.3	0.7
data5-9-41-08379.txt	9	5	41	29	1.4	29	29.0	15129	33112	1	0	0.0	27.5	0.7
data5-9-41-08380.txt	9	5	41	30	1.2	30	30.0	15129	33464	0	5	0.0	29.0	0.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-41-08381.txt	9	5	41	24	0.6	24	24.0	15129	32795	0	0	0.0	24.0	0.4
data5-9-41-08382.txt	9	5	41	31	2.0	31	31.0	15129	33350	1	0	0.0	28.3	0.5
data5-9-41-08383.txt	9	5	41	28	1.1	28	28.0	15129	33122	1	0	0.0	27.0	0.5
data5-9-41-08384.txt	9	5	41	25	0.7	25	25.0	15129	33062	0	0	0.0	25.0	0.4
data5-9-41-08385.txt	9	5	41	25	0.7	25	25.0	15129	32938	0	5	0.0	24.0	0.5
data5-9-41-08386.txt	9	5	41	25	1.2	25	25.0	15129	33289	1	0	0.0	23.5	0.6
data5-9-41-08387.txt	9	5	41	23	0.5	23	23.0	15129	32814	0	2	0.0	22.0	0.3
data5-9-41-08388.txt	9	5	41	26	2.2	26	26.0	15129	33628	1	0	0.0	22.0	0.6
data5-9-41-08389.txt	9	5	41	25	0.9	25	25.0	15129	33395	0	0	0.0	24.0	0.5
data5-9-41-08390.txt	9	5	41	24	0.6	24	24.0	15129	32928	0	0	0.0	24.0	0.4
data5-9-41-08391.txt	9	5	41	34	1.3	34	34.0	15129	33411	0	0	0.0	33.0	0.8
data5-9-41-08392.txt	9	5	41	32	1.0	32	32.0	15129	33417	0	0	0.0	32.0	0.7
data5-9-41-08393.txt	9	5	41	27	1.0	27	27.0	15129	33481	0	2	0.0	26.0	0.5
data5-9-41-08394.txt	9	5	41	22	0.6	22	22.0	15129	33019	0	0	0.0	22.0	0.4
data5-9-41-08395.txt	9	5	41	24	0.7	24	24.0	15129	32995	0	0	0.0	24.0	0.4
data5-9-41-08396.txt	9	5	41	20	0.7	20	20.0	15129	32900	1	2	0.0	18.0	0.4
data5-9-41-08397.txt	9	5	41	24	0.6	24	24.0	15129	32703	0	0	0.0	23.5	0.4
data5-9-41-08398.txt	9	5	41	28	4.7	28	28.0	15129	33366	392	3	0.0	25.0	0.6
data5-9-41-08399.txt	9	5	41	27	1.6	27	27.0	15129	33590	1	4	0.0	25.7	0.6
data5-9-41-08400.txt	9	5	41	31	2.7	31	31.0	15129	33230	130	10	0.0	29.0	0.6
data5-9-42-08401.txt	9	5	42	36	1.5	36	36.0	15876	35112	1	0	0.0	33.5	0.7
data5-9-42-08402.txt	9	5	42	25	0.8	25	25.0	15876	34765	0	0	0.0	25.0	0.5
data5-9-42-08403.txt	9	5	42	23	0.8	23	23.0	15876	34419	1	7	0.0	22.0	0.4
data5-9-42-08404.txt	9	5	42	21	0.6	21	21.0	15876	34782	0	0	0.0	21.0	0.4
data5-9-42-08405.txt	9	5	42	30	0.9	30	30.0	15876	34973	1	11	0.0	28.0	0.5
data5-9-42-08406.txt	9	5	42	32	1.1	32	32.0	15876	34565	1	15	0.0	30.0	0.5
data5-9-42-08407.txt	9	5	42	30	0.8	30	30.0	15876	34734	0	0	0.0	30.0	0.6
data5-9-42-08408.txt	9	5	42	28	1.4	28	28.0	15876	34605	1	1	0.0	25.5	0.6
data5-9-42-08409.txt	9	5	42	25	1.0	25	25.0	15876	34538	1	4	0.0	23.5	0.4
data5-9-42-08410.txt	9	5	42	39	1.7	39	39.0	15876	34838	1	5	0.0	35.0	0.6
data5-9-42-08411.txt	9	5	42	25	0.9	25	25.0	15876	34817	0	0	0.0	25.0	0.5
data5-9-42-08412.txt	9	5	42	26	1.0	26	26.0	15876	34910	0	0	0.0	26.0	0.7
data5-9-42-08413.txt	9	5	42	38	20.2	38	38.0	15876	34904	1271	64	0.0	34.0	1.0
data5-9-42-08414.txt	9	5	42	31	1.0	31	31.0	15876	34889	1	2	0.0	29.0	0.6
data5-9-42-08415.txt	9	5	42	28	1.0	28	28.0	15876	34788	0	0	0.0	27.0	0.5
data5-9-42-08416.txt	9	5	42	24	0.7	24	24.0	15876	34274	0	0	0.0	24.0	0.4
data5-9-42-08417.txt	9	5	42	32	3.1	32	32.0	15876	34897	11	17	0.0	30.0	0.7
data5-9-42-08418.txt	9	5	42	36	1.4	36	36.0	15876	35201	1	7	0.0	35.0	0.7
data5-9-42-08419.txt	9	5	42	30	1.6	30	30.0	15876	35027	1	0	0.0	27.5	0.5
data5-9-42-08420.txt	9	5	42	33	1.1	33	33.0	15876	34928	0	2	0.0	31.0	0.6
data5-9-42-08421.txt	9	5	42	21	0.6	21	21.0	15876	34248	0	0	0.0	21.0	0.4
data5-9-42-08422.txt	9	5	42	33	1.7	33	33.0	15876	34986	1	3	0.0	31.0	0.7
data5-9-42-08423.txt	9	5	42	33	1.8	33	33.0	15876	34928	1	14	0.0	30.3	0.7
data5-9-42-08424.txt	9	5	42	29	0.7	29	29.0	15876	34803	0	3	0.0	28.0	0.5
data5-9-42-08425.txt	9	5	42	38	1.4	38	38.0	15876	35173	8	30	0.0	37.0	0.7
data5-9-42-08426.txt	9	5	42	30	1.5	30	30.0	15876	34838	1	18	0.0	27.5	0.6
data5-9-42-08427.txt	9	5	42	21	0.5	21	21.0	15876	34420	0	0	0.0	21.0	0.3
data5-9-42-08428.txt	9	5	42	26	0.9	26	26.0	15876	34768	0	0	0.0	24.2	0.5
data5-9-42-08429.txt	9	5	42	36	10.2	36	36.0	15876	34944	768	49	0.0	33.0	0.9
data5-9-42-08430.txt	9	5	42	28	0.7	28	28.0	15876	34410	0	0	0.0	28.0	0.5
data5-9-42-08431.txt	9	5	42	20	0.6	20	20.0	15876	34612	0	0	0.0	20.0	0.4
data5-9-42-08432.txt	9	5	42	30	1.3	30	30.0	15876	34819	0	6	0.0	29.0	0.7
data5-9-42-08433.txt	9	5	42	23	0.8	23	23.0	15876	34740	0	0	0.0	22.0	0.4
data5-9-42-08434.txt	9	5	42	37	15.1	37	37.0	15876	35114	2048	43	0.0	32.2	0.7
data5-9-42-08435.txt	9	5	42	32	1.1	32	32.0	15876	34771	0	0	0.0	32.0	0.8
data5-9-42-08436.txt	9	5	42	26	0.7	26	26.0	15876	34826	0	1	0.0	25.0	0.4
data5-9-42-08437.txt	9	5	42	33	2.0	33	33.0	15876	35486	1	0	0.0	31.5	1.0
data5-9-42-08438.txt	9	5	42	33	2.7	33	33.0	15876	35021	1	0	0.0	31.0	0.9
data5-9-42-08439.txt	9	5	42	34	1.8	34	34.0	15876	34914	1	10	0.0	30.8	0.6
data5-9-42-08440.txt	9	5	42	32	2.4	32	32.0	15876	34873	1	9	0.0	27.7	0.6
data5-9-42-08441.txt	9	5	42	31	2.5	31	31.0	15876	34835	7	10	0.0	28.0	0.8
data5-9-42-08442.txt	9	5	42	26	0.7	26	26.0	15876	34411	0	0	0.0	25.0	0.4
data5-9-42-08443.txt	9	5	42	34	3.3	34	34.0	15876	35251	1	12	0.0	32.0	1.3
data5-9-42-08444.txt	9	5	42	34	1.4	34	34.0	15876	35008	1	4	0.0	30.5	0.5
data5-9-42-08445.txt	9	5	42	31	1.3	31	31.0	15876	34809	0	0	0.0	29.3	0.8
data5-9-42-08446.txt	9	5	42	28	2.5	28	28.0	15876	34908	1	3	0.0	26.0	0.5
data5-9-42-08447.txt	9	5	42	26	0.6	26	26.0	15876	34532	0	0	0.0	25.5	0.4
data5-9-42-08448.txt	9	5	42	31	1.2	31	31.0	15876	35076	0	0	0.0	29.3	0.6
data5-9-42-08449.txt	9	5	42	27	0.8	27	27.0	15876	34856	0	0	0.0	27.0	0.6
data5-9-42-08450.txt	9	5	42	38	1.7	38	38.0	15876	34731	0	0	0.0	36.5	1.0

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-42-08451.txt	9	5	42	33	3.1	33	33.0	15876	34961	1	0	0.0	30.8	0.9
data5-9-42-08452.txt	9	5	42	23	0.6	23	23.0	15876	34794	0	2	0.0	22.0	0.4
data5-9-42-08453.txt	9	5	42	32	10.0	32	32.0	15876	35092	1709	61	0.0	27.5	0.7
data5-9-42-08454.txt	9	5	42	25	0.8	25	25.0	15876	34808	0	0	0.0	24.5	0.5
data5-9-42-08455.txt	9	5	42	30	1.4	30	30.0	15876	34884	1	16	0.0	27.5	0.5
data5-9-42-08456.txt	9	5	42	32	2.2	32	32.0	15876	34896	1	0	0.0	31.0	0.8
data5-9-42-08457.txt	9	5	42	30	0.8	30	30.0	15876	34994	0	0	0.0	29.5	0.5
data5-9-42-08458.txt	9	5	42	29	1.0	29	29.0	15876	34530	0	2	0.0	28.0	0.6
data5-9-42-08459.txt	9	5	42	28	0.9	28	28.0	15876	34497	0	0	0.0	28.0	0.5
data5-9-42-08460.txt	9	5	42	29	0.7	29	29.0	15876	34712	0	1	0.0	28.0	0.4
data5-9-42-08461.txt	9	5	42	26	1.1	26	26.0	15876	35386	0	0	0.0	25.0	0.8
data5-9-42-08462.txt	9	5	42	38	3.4	38	38.0	15876	35353	116	22	0.0	35.5	1.0
data5-9-42-08463.txt	9	5	42	24	0.5	24	24.0	15876	34256	0	0	0.0	24.0	0.4
data5-9-42-08464.txt	9	5	42	31	2.6	31	31.0	15876	34901	1	14	0.0	28.0	1.1
data5-9-42-08465.txt	9	5	42	28	2.0	28	28.0	15876	34582	1	3	0.0	26.0	0.5
data5-9-42-08466.txt	9	5	42	25	0.9	25	25.0	15876	34678	0	0	0.0	25.0	0.5
data5-9-42-08467.txt	9	5	42	27	1.2	27	27.0	15876	34693	1	2	0.0	25.5	0.6
data5-9-42-08468.txt	9	5	42	26	0.7	26	26.0	15876	34720	0	0	0.0	26.0	0.5
data5-9-42-08469.txt	9	5	42	26	0.8	26	26.0	15876	34540	0	0	0.0	26.0	0.5
data5-9-42-08470.txt	9	5	42	32	3.3	32	32.0	15876	34664	123	2	0.0	28.0	0.5
data5-9-42-08471.txt	9	5	42	23	0.6	23	23.0	15876	34449	0	0	0.0	23.0	0.4
data5-9-42-08472.txt	9	5	42	26	0.7	26	26.0	15876	34672	0	2	0.0	24.5	0.4
data5-9-42-08473.txt	9	5	42	26	1.3	26	26.0	15876	34843	0	2	0.0	25.0	0.6
data5-9-42-08474.txt	9	5	42	29	2.0	29	29.0	15876	35142	1	11	0.0	27.0	0.7
data5-9-42-08475.txt	9	5	42	27	1.0	27	27.0	15876	34705	0	0	0.0	25.5	0.5
data5-9-42-08476.txt	9	5	42	23	0.6	23	23.0	15876	34769	0	0	0.0	22.7	0.4
data5-9-42-08477.txt	9	5	42	32	2.2	32	32.0	15876	35206	0	0	0.0	31.0	1.1
data5-9-42-08478.txt	9	5	42	34	1.2	34	34.0	15876	34740	0	0	0.0	33.0	0.7
data5-9-42-08479.txt	9	5	42	29	0.9	29	29.0	15876	34865	1	1	0.0	27.3	0.5
data5-9-42-08480.txt	9	5	42	28	1.1	28	28.0	15876	35172	0	0	0.0	26.8	0.6
data5-9-42-08481.txt	9	5	42	26	0.9	26	26.0	15876	34737	0	0	0.0	25.0	0.5
data5-9-42-08482.txt	9	5	42	30	1.1	30	30.0	15876	34794	1	2	0.0	28.0	0.6
data5-9-42-08483.txt	9	5	42	24	0.7	24	24.0	15876	34633	0	0	0.0	24.0	0.4
data5-9-42-08484.txt	9	5	42	22	0.5	22	22.0	15876	34521	0	0	0.0	21.5	0.4
data5-9-42-08485.txt	9	5	42	24	0.9	24	24.0	15876	34644	1	7	0.0	22.0	0.4
data5-9-42-08486.txt	9	5	42	29	0.6	29	29.0	15876	34744	0	0	0.0	29.0	0.4
data5-9-42-08487.txt	9	5	42	29	1.0	29	29.0	15876	34804	0	0	0.0	29.0	0.6
data5-9-42-08488.txt	9	5	42	28	0.8	28	28.0	15876	35003	0	0	0.0	27.5	0.6
data5-9-42-08489.txt	9	5	42	29	1.2	29	29.0	15876	34949	1	7	0.0	28.0	0.5
data5-9-42-08490.txt	9	5	42	27	0.8	27	27.0	15876	34910	0	0	0.0	26.5	0.5
data5-9-42-08491.txt	9	5	42	31	1.3	31	31.0	15876	34895	0	0	0.0	30.0	0.6
data5-9-42-08492.txt	9	5	42	29	2.4	29	29.0	15876	34801	21	29	0.0	26.2	0.6
data5-9-42-08493.txt	9	5	42	31	1.3	31	31.0	15876	34998	0	0	0.0	30.0	0.8
data5-9-42-08494.txt	9	5	42	31	1.3	31	31.0	15876	34860	1	7	0.0	29.5	0.6
data5-9-42-08495.txt	9	5	42	27	0.8	27	27.0	15876	34770	0	0	0.0	26.5	0.5
data5-9-42-08496.txt	9	5	42	28	2.0	28	28.0	15876	35022	1	0	0.0	26.2	0.7
data5-9-42-08497.txt	9	5	42	28	0.8	28	28.0	15876	34819	0	0	0.0	28.0	0.5
data5-9-42-08498.txt	9	5	42	30	1.1	30	30.0	15876	34949	0	0	0.0	30.0	0.7
data5-9-42-08499.txt	9	5	42	34	1.2	34	34.0	15876	34652	1	4	0.0	32.5	0.6
data5-9-42-08500.txt	9	5	42	24	0.6	24	24.0	15876	34601	0	0	0.0	24.0	0.4
data5-9-43-08501.txt	9	5	43	38	10.0	38	38.0	16641	36471	1127	38	0.0	34.0	0.7
data5-9-43-08502.txt	9	5	43	30	1.0	30	30.0	16641	36271	0	0	0.0	30.0	0.6
data5-9-43-08503.txt	9	5	43	30	1.5	30	30.0	16641	36439	1	0	0.0	28.5	0.6
data5-9-43-08504.txt	9	5	43	32	0.9	32	32.0	16641	36392	0	0	0.0	32.0	0.6
data5-9-43-08505.txt	9	5	43	31	1.6	31	31.0	16641	36519	1	1	0.0	29.2	0.9
data5-9-43-08506.txt	9	5	43	28	1.0	28	28.0	16641	36263	0	0	0.0	28.0	0.6
data5-9-43-08507.txt	9	5	43	29	1.0	29	29.0	16641	36528	0	0	0.0	29.0	0.6
data5-9-43-08508.txt	9	5	43	32	2.7	32	32.0	16641	36693	545	10	0.0	29.0	0.6
data5-9-43-08509.txt	9	5	43	23	0.6	23	23.0	16641	36206	0	0	0.0	23.0	0.4
data5-9-43-08510.txt	9	5	43	28	0.5	28	28.0	16641	36131	0	0	0.0	28.0	0.4
data5-9-43-08511.txt	9	5	43	27	0.6	27	27.0	16641	36040	0	0	0.0	27.0	0.4
data5-9-43-08512.txt	9	5	43	30	1.0	30	30.0	16641	36544	0	4	0.0	29.0	0.6
data5-9-43-08513.txt	9	5	43	29	0.9	29	29.0	16641	36446	0	0	0.0	29.0	0.6
data5-9-43-08514.txt	9	5	43	36	4.2	36	36.0	16641	36381	143	7	0.0	33.5	0.7
data5-9-43-08515.txt	9	5	43	35	2.6	35	35.0	16641	36538	1	0	0.0	32.1	0.6
data5-9-43-08516.txt	9	5	43	28	2.0	28	28.0	16641	36082	1	5	0.0	26.0	0.5
data5-9-43-08517.txt	9	5	43	35	1.0	35	35.0	16641	36548	0	0	0.0	34.5	0.7
data5-9-43-08518.txt	9	5	43	26	1.0	26	26.0	16641	36569	0	2	0.0	24.5	0.5
data5-9-43-08519.txt	9	5	43	31	2.1	31	31.0	16641	36444	47	1	0.0	28.2	0.6
data5-9-43-08520.txt	9	5	43	33	1.0	33	33.0	16641	36316	1	5	0.0	31.5	0.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-43-08521.txt	9	5	43	33	1.0	33	33.0	16641	36600	0	1	0.0	32.0	0.8
data5-9-43-08522.txt	9	5	43	31	0.8	31	31.0	16641	36447	0	0	0.0	31.0	0.5
data5-9-43-08523.txt	9	5	43	32	1.2	32	32.0	16641	36678	0	3	0.0	31.0	0.6
data5-9-43-08524.txt	9	5	43	33	1.5	33	33.0	16641	36431	0	0	0.0	31.5	0.7
data5-9-43-08525.txt	9	5	43	31	2.1	31	31.0	16641	36528	1	21	0.0	27.6	0.6
data5-9-43-08526.txt	9	5	43	28	0.7	28	28.0	16641	36262	0	0	0.0	28.0	0.5
data5-9-43-08527.txt	9	5	43	31	1.9	31	31.0	16641	36702	1	0	0.0	27.8	0.8
data5-9-43-08528.txt	9	5	43	25	0.6	25	25.0	16641	36165	0	2	0.0	24.0	0.4
data5-9-43-08529.txt	9	5	43	34	1.7	34	34.0	16641	36591	1	2	0.0	33.0	0.9
data5-9-43-08530.txt	9	5	43	29	2.1	29	29.0	16641	36501	1	0	0.0	28.0	0.7
data5-9-43-08531.txt	9	5	43	37	1.3	37	37.0	16641	36966	1	13	0.0	36.0	0.8
data5-9-43-08532.txt	9	5	43	24	0.9	24	24.0	16641	36359	0	0	0.0	24.0	0.5
data5-9-43-08533.txt	9	5	43	33	5.0	33	33.0	16641	36718	199	3	0.0	30.7	1.0
data5-9-43-08534.txt	9	5	43	28	0.9	28	28.0	16641	37056	0	0	0.0	28.0	0.7
data5-9-43-08535.txt	9	5	43	30	1.2	30	30.0	16641	36608	1	24	0.0	29.0	0.6
data5-9-43-08536.txt	9	5	43	24	0.6	24	24.0	16641	36365	0	0	0.0	24.0	0.4
data5-9-43-08537.txt	9	5	43	25	0.8	25	25.0	16641	36542	0	0	0.0	24.0	0.5
data5-9-43-08538.txt	9	5	43	27	0.9	27	27.0	16641	36611	0	0	0.0	26.2	0.6
data5-9-43-08539.txt	9	5	43	28	0.6	28	28.0	16641	36362	0	0	0.0	28.0	0.5
data5-9-43-08540.txt	9	5	43	33	1.1	33	33.0	16641	36327	1	6	0.0	32.0	0.5
data5-9-43-08541.txt	9	5	43	28	1.0	28	28.0	16641	36200	0	0	0.0	27.0	0.5
data5-9-43-08542.txt	9	5	43	32	3.7	32	32.0	16641	36600	177	45	0.0	30.0	0.8
data5-9-43-08543.txt	9	5	43	24	0.7	24	24.0	16641	36110	0	0	0.0	24.0	0.4
data5-9-43-08544.txt	9	5	43	37	2.5	37	37.0	16641	36970	4	6	0.0	35.0	1.0
data5-9-43-08545.txt	9	5	43	35	170.2	36	35.0	16641	36769	11991	102	0.0	31.0	1.0
data5-9-43-08546.txt	9	5	43	30	1.4	30	30.0	16641	36529	0	0	0.0	28.2	1.0
data5-9-43-08547.txt	9	5	43	33	0.8	33	33.0	16641	36587	0	0	0.0	33.0	0.5
data5-9-43-08548.txt	9	5	43	35	1.6	35	35.0	16641	36619	0	3	0.0	34.0	0.9
data5-9-43-08549.txt	9	5	43	30	1.1	30	30.0	16641	36676	0	0	0.0	30.0	0.7
data5-9-43-08550.txt	9	5	43	23	0.7	23	23.0	16641	36085	0	0	0.0	23.0	0.4
data5-9-43-08551.txt	9	5	43	37	3.0	37	37.0	16641	36509	1	0	0.0	34.5	0.9
data5-9-43-08552.txt	9	5	43	26	0.8	26	26.0	16641	36273	0	0	0.0	25.0	0.5
data5-9-43-08553.txt	9	5	43	38	5.5	38	38.0	16641	36600	179	9	0.0	32.5	0.6
data5-9-43-08554.txt	9	5	43	29	0.7	29	29.0	16641	36154	0	0	0.0	29.0	0.5
data5-9-43-08555.txt	9	5	43	34	1.4	34	34.0	16641	36710	1	8	0.0	32.0	0.8
data5-9-43-08556.txt	9	5	43	28	0.9	28	28.0	16641	36321	0	3	0.0	27.0	0.5
data5-9-43-08557.txt	9	5	43	30	1.0	30	30.0	16641	36464	0	0	0.0	30.0	0.6
data5-9-43-08558.txt	9	5	43	31	1.5	31	31.0	16641	36418	1	0	0.0	29.0	0.6
data5-9-43-08559.txt	9	5	43	29	3.3	29	29.0	16641	36319	36	8	0.0	27.1	0.6
data5-9-43-08560.txt	9	5	43	31	2.2	31	31.0	16641	36342	1	12	0.0	27.8	0.5
data5-9-43-08561.txt	9	5	43	28	0.9	28	28.0	16641	36429	0	0	0.0	28.0	0.6
data5-9-43-08562.txt	9	5	43	22	0.6	22	22.0	16641	36290	0	0	0.0	21.3	0.4
data5-9-43-08563.txt	9	5	43	34	1.1	34	34.0	16641	36535	0	1	0.0	33.0	0.7
data5-9-43-08564.txt	9	5	43	28	0.8	28	28.0	16641	36518	0	0	0.0	28.0	0.5
data5-9-43-08565.txt	9	5	43	39	1.2	39	39.0	16641	36761	0	4	0.0	37.0	0.9
data5-9-43-08566.txt	9	5	43	34	1.6	34	34.0	16641	36612	1	31	0.0	30.0	0.8
data5-9-43-08567.txt	9	5	43	30	1.7	30	30.0	16641	36520	1	0	0.0	27.8	0.6
data5-9-43-08568.txt	9	5	43	31	0.7	31	31.0	16641	36440	0	0	0.0	31.0	0.5
data5-9-43-08569.txt	9	5	43	33	2.0	33	33.0	16641	36554	1	2	0.0	31.0	0.8
data5-9-43-08570.txt	9	5	43	27	1.2	27	27.0	16641	36324	1	0	0.0	26.0	0.6
data5-9-43-08571.txt	9	5	43	26	0.8	26	26.0	16641	36446	0	0	0.0	26.0	0.5
data5-9-43-08572.txt	9	5	43	29	1.1	29	29.0	16641	36843	0	1	0.0	28.0	0.6
data5-9-43-08573.txt	9	5	43	29	2.8	29	29.0	16641	36569	3	6	0.0	27.0	1.0
data5-9-43-08574.txt	9	5	43	33	1.0	33	33.0	16641	36319	0	0	0.0	33.0	0.7
data5-9-43-08575.txt	9	5	43	30	1.5	30	30.0	16641	36379	1	12	0.0	28.0	0.6
data5-9-43-08576.txt	9	5	43	34	4.1	34	34.0	16641	36561	162	18	0.0	30.0	0.8
data5-9-43-08577.txt	9	5	43	29	1.0	29	29.0	16641	36449	0	0	0.0	29.0	0.6
data5-9-43-08578.txt	9	5	43	31	1.3	31	31.0	16641	36268	1	12	0.0	29.0	0.5
data5-9-43-08579.txt	9	5	43	28	0.6	28	28.0	16641	36352	0	2	0.0	27.0	0.4
data5-9-43-08580.txt	9	5	43	32	1.3	32	32.0	16641	37070	0	0	0.0	32.0	0.8
data5-9-43-08581.txt	9	5	43	29	0.9	29	29.0	16641	36399	0	0	0.0	29.0	0.5
data5-9-43-08582.txt	9	5	43	25	0.8	25	25.0	16641	36226	0	0	0.0	25.0	0.6
data5-9-43-08583.txt	9	5	43	23	0.6	23	23.0	16641	36077	0	3	0.0	22.0	0.4
data5-9-43-08584.txt	9	5	43	36	2.1	36	36.0	16641	36778	1	6	0.0	32.9	0.8
data5-9-43-08585.txt	9	5	43	30	1.3	30	30.0	16641	36304	0	0	0.0	28.6	0.6
data5-9-43-08586.txt	9	5	43	28	0.7	28	28.0	16641	36362	0	0	0.0	28.0	0.5
data5-9-43-08587.txt	9	5	43	22	0.5	22	22.0	16641	35933	0	0	0.0	22.0	0.3
data5-9-43-08588.txt	9	5	43	31	1.8	31	31.0	16641	36269	1	0	0.0	29.0	0.6
data5-9-43-08589.txt	9	5	43	28	1.5	28	28.0	16641	36310	1	34	0.0	25.5	0.6
data5-9-43-08590.txt	9	5	43	31	1.1	31	31.0	16641	36270	1	12	0.0	30.0	0.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-43-08591.txt	9	5	43	30	1.1	30	30.0	16641	36650	0	0	0.0	29.2	0.8
data5-9-43-08592.txt	9	5	43	30	0.9	30	30.0	16641	36489	0	0	0.0	30.0	0.5
data5-9-43-08593.txt	9	5	43	29	0.7	29	29.0	16641	36249	0	0	0.0	28.5	0.5
data5-9-43-08594.txt	9	5	43	31	1.1	31	31.0	16641	36318	0	0	0.0	31.0	0.8
data5-9-43-08595.txt	9	5	43	31	2.3	31	31.0	16641	36578	1	8	0.0	28.0	0.5
data5-9-43-08596.txt	9	5	43	30	1.0	30	30.0	16641	36633	0	0	0.0	29.0	0.6
data5-9-43-08597.txt	9	5	43	25	0.7	25	25.0	16641	36460	0	0	0.0	25.0	0.4
data5-9-43-08598.txt	9	5	43	23	0.7	23	23.0	16641	36538	0	0	0.0	22.0	0.5
data5-9-43-08599.txt	9	5	43	32	1.7	32	32.0	16641	36702	1	14	0.0	30.0	0.7
data5-9-43-08600.txt	9	5	43	33	1.0	33	33.0	16641	36201	0	0	0.0	32.0	0.5
data5-9-44-08601.txt	9	5	44	43	63.5	43	43.0	17424	38477	1242	108	0.0	40.0	2.3
data5-9-44-08602.txt	9	5	44	24	0.5	24	24.0	17424	37837	0	0	0.0	24.0	0.4
data5-9-44-08603.txt	9	5	44	29	0.8	29	29.0	17424	38190	0	6	0.0	28.0	0.5
data5-9-44-08604.txt	9	5	44	26	1.1	26	26.0	17424	37868	1	0	0.0	23.8	0.5
data5-9-44-08605.txt	9	5	44	33	1.8	33	33.0	17424	38052	3	23	0.0	30.0	0.6
data5-9-44-08606.txt	9	5	44	26	0.7	26	26.0	17424	38192	0	0	0.0	26.0	0.5
data5-9-44-08607.txt	9	5	44	32	4.5	32	32.0	17424	38342	17	34	0.0	29.5	0.6
data5-9-44-08608.txt	9	5	44	32	0.9	32	32.0	17424	38384	0	0	0.0	31.5	0.6
data5-9-44-08609.txt	9	5	44	34	4.9	34	34.0	17424	38248	254	7	0.0	30.5	0.5
data5-9-44-08610.txt	9	5	44	32	1.4	32	32.0	17424	38348	0	0	0.0	30.5	0.9
data5-9-44-08611.txt	9	5	44	35	1.3	35	35.0	17424	37847	1	11	0.0	33.0	0.6
data5-9-44-08612.txt	9	5	44	29	0.8	29	29.0	17424	38231	0	0	0.0	29.0	0.5
data5-9-44-08613.txt	9	5	44	30	1.0	30	30.0	17424	38099	1	0	0.0	29.0	0.5
data5-9-44-08614.txt	9	5	44	29	0.6	29	29.0	17424	38013	0	0	0.0	29.0	0.4
data5-9-44-08615.txt	9	5	44	29	1.1	29	29.0	17424	37915	1	2	0.0	26.5	0.5
data5-9-44-08616.txt	9	5	44	37	1.8	37	37.0	17424	38661	1	0	0.0	34.5	0.7
data5-9-44-08617.txt	9	5	44	34	1.5	34	34.0	17424	38377	1	4	0.0	31.5	0.6
data5-9-44-08618.txt	9	5	44	33	1.4	33	33.0	17424	38591	0	0	0.0	31.5	1.0
data5-9-44-08619.txt	9	5	44	32	1.0	32	32.0	17424	38030	1	11	0.0	30.0	0.4
data5-9-44-08620.txt	9	5	44	31	1.3	31	31.0	17424	38315	1	2	0.0	29.5	0.6
data5-9-44-08621.txt	9	5	44	29	1.1	29	29.0	17424	38090	0	0	0.0	29.0	0.7
data5-9-44-08622.txt	9	5	44	30	1.9	30	30.0	17424	38151	1	2	0.0	28.0	0.7
data5-9-44-08623.txt	9	5	44	23	1.0	23	23.0	17424	37824	1	13	0.0	22.0	0.5
data5-9-44-08624.txt	9	5	44	29	2.2	29	29.0	17424	38183	1	1	0.0	27.0	0.6
data5-9-44-08625.txt	9	5	44	30	0.9	30	30.0	17424	38274	0	0	0.0	29.2	0.6
data5-9-44-08626.txt	9	5	44	27	0.7	27	27.0	17424	37980	0	0	0.0	27.0	0.4
data5-9-44-08627.txt	9	5	44	32	3.6	32	32.0	17424	38162	1	1	0.0	28.5	0.9
data5-9-44-08628.txt	9	5	44	24	0.7	24	24.0	17424	37956	1	3	0.0	22.0	0.4
data5-9-44-08629.txt	9	5	44	26	0.8	26	26.0	17424	38253	0	0	0.0	26.0	0.5
data5-9-44-08630.txt	9	5	44	27	0.9	27	27.0	17424	37933	1	5	0.0	26.0	0.6
data5-9-44-08631.txt	9	5	44	34	0.9	34	34.0	17424	38181	0	0	0.0	34.0	0.6
data5-9-44-08632.txt	9	5	44	31	2.3	31	31.0	17424	38119	40	19	0.0	29.0	0.8
data5-9-44-08633.txt	9	5	44	26	1.0	26	26.0	17424	37948	0	0	0.0	26.0	0.6
data5-9-44-08634.txt	9	5	44	26	1.1	26	26.0	17424	38208	1	2	0.0	24.5	0.5
data5-9-44-08635.txt	9	5	44	29	0.9	29	29.0	17424	38031	0	0	0.0	28.5	0.6
data5-9-44-08636.txt	9	5	44	32	1.2	32	32.0	17424	37861	1	6	0.0	28.2	0.5
data5-9-44-08637.txt	9	5	44	33	1.8	33	33.0	17424	38098	1	22	0.0	31.0	0.6
data5-9-44-08638.txt	9	5	44	30	1.0	30	30.0	17424	38077	0	0	0.0	30.0	0.6
data5-9-44-08639.txt	9	5	44	30	1.2	30	30.0	17424	37998	1	5	0.0	29.0	0.5
data5-9-44-08640.txt	9	5	44	34	1.5	34	34.0	17424	37855	1	2	0.0	32.5	0.7
data5-9-44-08641.txt	9	5	44	22	0.6	22	22.0	17424	37626	0	0	0.0	22.0	0.4
data5-9-44-08642.txt	9	5	44	30	0.9	30	30.0	17424	38038	0	0	0.0	29.5	0.6
data5-9-44-08643.txt	9	5	44	27	0.8	27	27.0	17424	38010	0	0	0.0	27.0	0.6
data5-9-44-08644.txt	9	5	44	35	3.2	35	35.0	17424	38222	22	8	0.0	32.0	0.7
data5-9-44-08645.txt	9	5	44	28	1.2	28	28.0	17424	38289	0	0	0.0	26.8	0.7
data5-9-44-08646.txt	9	5	44	30	1.5	30	30.0	17424	38103	3	40	0.0	28.0	0.5
data5-9-44-08647.txt	9	5	44	28	0.8	28	28.0	17424	37901	0	0	0.0	27.5	0.5
data5-9-44-08648.txt	9	5	44	27	0.7	27	27.0	17424	37919	0	0	0.0	27.0	0.6
data5-9-44-08649.txt	9	5	44	28	0.9	28	28.0	17424	38072	0	0	0.0	27.0	0.5
data5-9-44-08650.txt	9	5	44	25	0.7	25	25.0	17424	37747	0	1	0.0	24.0	0.4
data5-9-44-08651.txt	9	5	44	33	1.1	33	33.0	17424	38313	0	0	0.0	33.0	0.9
data5-9-44-08652.txt	9	5	44	34	1.0	34	34.0	17424	38282	0	0	0.0	33.5	0.7
data5-9-44-08653.txt	9	5	44	36	1.2	36	36.0	17424	38562	0	0	0.0	36.0	1.0
data5-9-44-08654.txt	9	5	44	32	1.3	32	32.0	17424	38582	0	0	0.0	32.0	1.0
data5-9-44-08655.txt	9	5	44	24	0.8	24	24.0	17424	37909	1	0	0.0	21.5	0.4
data5-9-44-08656.txt	9	5	44	32	1.2	32	32.0	17424	38042	0	0	0.0	30.3	0.7
data5-9-44-08657.txt	9	5	44	18	0.5	18	18.0	17424	37555	0	0	0.0	18.0	0.3
data5-9-44-08658.txt	9	5	44	33	2.0	33	33.0	17424	38231	1	2	0.0	29.7	0.6
data5-9-44-08659.txt	9	5	44	30	1.0	30	30.0	17424	37979	0	0	0.0	29.5	0.7
data5-9-44-08660.txt	9	5	44	30	0.6	30	30.0	17424	37762	0	0	0.0	30.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-9-44-08661.txt	9	5	44	29	1.2	29	29.0	17424	37971	1	19	0.0	26.0	0.5
data5-9-44-08662.txt	9	5	44	25	0.7	25	25.0	17424	38155	0	2	0.0	24.0	0.4
data5-9-44-08663.txt	9	5	44	31	1.3	31	31.0	17424	38303	0	0	0.0	29.5	0.8
data5-9-44-08664.txt	9	5	44	36	2.2	36	36.0	17424	38656	1	2	0.0	33.5	1.0
data5-9-44-08665.txt	9	5	44	27	0.7	27	27.0	17424	38107	0	0	0.0	27.0	0.4
data5-9-44-08666.txt	9	5	44	31	1.2	31	31.0	17424	38386	0	0	0.0	30.5	0.7
data5-9-44-08667.txt	9	5	44	35	1.8	35	35.0	17424	38297	1	11	0.0	33.0	0.9
data5-9-44-08668.txt	9	5	44	31	1.1	31	31.0	17424	38183	1	4	0.0	28.0	0.6
data5-9-44-08669.txt	9	5	44	30	1.6	30	30.0	17424	38077	1	0	0.0	27.5	0.6
data5-9-44-08670.txt	9	5	44	27	0.7	27	27.0	17424	38035	0	0	0.0	27.0	0.4
data5-9-44-08671.txt	9	5	44	24	0.7	24	24.0	17424	37646	0	0	0.0	23.0	0.4
data5-9-44-08672.txt	9	5	44	25	0.6	25	25.0	17424	38190	0	0	0.0	25.0	0.4
data5-9-44-08673.txt	9	5	44	29	0.7	29	29.0	17424	37717	0	0	0.0	29.0	0.5
data5-9-44-08674.txt	9	5	44	30	1.4	30	30.0	17424	38093	1	0	0.0	27.5	0.7
data5-9-44-08675.txt	9	5	44	28	0.9	28	28.0	17424	38077	0	0	0.0	28.0	0.5
data5-9-44-08676.txt	9	5	44	33	1.5	33	33.0	17424	38435	1	15	0.0	32.0	0.8
data5-9-44-08677.txt	9	5	44	30	1.3	30	30.0	17424	38207	0	0	0.0	29.5	0.9
data5-9-44-08678.txt	9	5	44	30	1.2	30	30.0	17424	38148	1	8	0.0	28.5	0.5
data5-9-44-08679.txt	9	5	44	23	0.7	23	23.0	17424	37900	0	0	0.0	22.5	0.5
data5-9-44-08680.txt	9	5	44	28	1.0	28	28.0	17424	38145	1	13	0.0	27.0	0.5
data5-9-44-08681.txt	9	5	44	29	0.7	29	29.0	17424	37704	0	0	0.0	27.8	0.4
data5-9-44-08682.txt	9	5	44	29	1.2	29	29.0	17424	38091	0	2	0.0	27.3	0.6
data5-9-44-08683.txt	9	5	44	31	1.5	31	31.0	17424	38309	1	3	0.0	29.5	0.6
data5-9-44-08684.txt	9	5	44	30	2.0	31	30.0	17424	38248	1	11	0.0	29.0	1.0
data5-9-44-08685.txt	9	5	44	29	0.8	29	29.0	17424	37691	0	0	0.0	28.0	0.5
data5-9-44-08686.txt	9	5	44	35	1.1	35	35.0	17424	37985	0	0	0.0	35.0	0.7
data5-9-44-08687.txt	9	5	44	26	1.1	26	26.0	17424	38093	0	0	0.0	25.0	0.6
data5-9-44-08688.txt	9	5	44	26	0.6	26	26.0	17424	37973	0	0	0.0	26.0	0.4
data5-9-44-08689.txt	9	5	44	29	0.8	29	29.0	17424	38137	0	0	0.0	29.0	0.5
data5-9-44-08690.txt	9	5	44	26	0.7	26	26.0	17424	37836	0	0	0.0	25.3	0.5
data5-9-44-08691.txt	9	5	44	29	3.1	29	29.0	17424	38368	23	10	0.0	25.0	0.6
data5-9-44-08692.txt	9	5	44	31	9.1	31	31.0	17424	38139	1237	0	0.0	27.7	0.7
data5-9-44-08693.txt	9	5	44	29	1.6	29	29.0	17424	38029	10	7	0.0	27.0	0.5
data5-9-44-08694.txt	9	5	44	35	1.8	35	35.0	17424	38315	1	2	0.0	33.5	0.6
data5-9-44-08695.txt	9	5	44	29	1.0	29	29.0	17424	37960	0	0	0.0	28.0	0.6
data5-9-44-08696.txt	9	5	44	41	3.2	41	41.0	17424	38635	1	0	0.0	39.0	1.4
data5-9-44-08697.txt	9	5	44	26	1.4	26	26.0	17424	38058	1	0	0.0	24.0	0.5
data5-9-44-08698.txt	9	5	44	24	0.7	24	24.0	17424	37840	0	0	0.0	23.0	0.4
data5-9-44-08699.txt	9	5	44	30	0.9	30	30.0	17424	37778	0	0	0.0	29.0	0.5
data5-9-44-08700.txt	9	5	44	34	1.3	34	34.0	17424	38052	1	6	0.0	32.5	0.7
data5-10-45-10701.txt	10	5	45	30	2.0	30	30.0	20250	44525	0	0	0.0	29.0	1.2
data5-10-45-10702.txt	10	5	45	28	1.3	28	28.0	20250	44432	0	0	0.0	26.5	0.6
data5-10-45-10703.txt	10	5	45	20	0.7	20	20.0	20250	43553	0	0	0.0	20.0	0.4
data5-10-45-10704.txt	10	5	45	36	2.0	36	36.0	20250	45083	0	0	0.0	36.0	1.4
data5-10-45-10705.txt	10	5	45	31	2.6	31	31.0	20250	44427	1	0	0.0	30.0	1.0
data5-10-45-10706.txt	10	5	45	28	1.3	28	28.0	20250	44242	0	0	0.0	26.5	0.7
data5-10-45-10707.txt	10	5	45	23	0.8	23	23.0	20250	43646	0	0	0.0	23.0	0.5
data5-10-45-10708.txt	10	5	45	31	1.7	31	31.0	20250	44325	0	0	0.0	30.1	1.1
data5-10-45-10709.txt	10	5	45	33	3.3	33	33.0	20250	44513	7	30	0.0	31.0	1.0
data5-10-45-10710.txt	10	5	45	31	1.2	31	31.0	20250	44144	0	0	0.0	30.5	0.8
data5-10-45-10711.txt	10	5	45	29	1.3	29	29.0	20250	43733	0	0	0.0	28.0	0.8
data5-10-45-10712.txt	10	5	45	30	1.4	30	30.0	20250	44327	0	0	0.0	29.0	0.8
data5-10-45-10713.txt	10	5	45	31	2.1	31	31.0	20250	44403	1	0	0.0	28.5	0.8
data5-10-45-10714.txt	10	5	45	30	2.1	30	30.0	20250	44066	0	0	0.0	29.0	0.9
data5-10-45-10715.txt	10	5	45	30	2.2	30	30.0	20250	44447	1	9	0.0	27.3	0.9
data5-10-45-10716.txt	10	5	45	31	1.3	31	31.0	20250	44295	0	0	0.0	30.0	0.8
data5-10-45-10717.txt	10	5	45	29	1.9	29	29.0	20250	44282	1	2	0.0	28.0	0.8
data5-10-45-10718.txt	10	5	45	32	37.1	33	32.0	20250	44617	761	22	0.0	28.6	0.9
data5-10-45-10719.txt	10	5	45	28	1.1	28	28.0	20250	44005	0	0	0.0	27.5	0.8
data5-10-45-10720.txt	10	5	45	27	1.0	27	27.0	20250	43909	0	0	0.0	27.0	0.6
data5-10-45-10721.txt	10	5	45	24	0.9	24	24.0	20250	44129	0	0	0.0	24.0	0.6
data5-10-45-10722.txt	10	5	45	24	1.1	24	24.0	20250	43928	0	0	0.0	24.0	0.7
data5-10-45-10723.txt	10	5	45	33	3.2	33	33.0	20250	44297	30	29	0.0	31.0	0.9
data5-10-45-10724.txt	10	5	45	26	1.0	26	26.0	20250	44417	0	0	0.0	26.0	0.8
data5-10-45-10725.txt	10	5	45	28	1.1	28	28.0	20250	43939	0	0	0.0	27.0	0.6
data5-10-45-10726.txt	10	5	45	32	2.7	32	32.0	20250	44519	1	6	0.0	30.5	1.1
data5-10-45-10727.txt	10	5	45	23	0.8	23	23.0	20250	43903	0	0	0.0	22.0	0.5
data5-10-45-10728.txt	10	5	45	41	35.4	41	41.0	20250	45102	804	125	0.0	38.5	3.4
data5-10-45-10729.txt	10	5	45	27	14.6	27	27.0	20250	44362	849	0	0.0	24.0	1.1
data5-10-45-10730.txt	10	5	45	28	1.6	28	28.0	20250	44126	1	0	0.0	27.0	0.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-10-45-10731.txt	10	5	45	24	0.7	24	24.0	20250	43733	0	0	0.0	24.0	0.5
data5-10-45-10732.txt	10	5	45	30	1.1	30	30.0	20250	44345	0	0	0.0	29.2	0.8
data5-10-45-10733.txt	10	5	45	30	1.6	30	30.0	20250	44240	0	0	0.0	29.0	1.0
data5-10-45-10734.txt	10	5	45	31	2.0	31	31.0	20250	44650	1	0	0.0	28.8	1.2
data5-10-45-10735.txt	10	5	45	32	1.5	32	32.0	20250	44425	0	1	0.0	30.5	0.8
data5-10-45-10736.txt	10	5	45	24	1.0	24	24.0	20250	44087	0	0	0.0	23.5	0.7
data5-10-45-10737.txt	10	5	45	23	0.8	23	23.0	20250	43712	0	2	0.0	22.0	0.5
data5-10-45-10738.txt	10	5	45	32	1.7	32	32.0	20250	44734	0	0	0.0	30.5	0.7
data5-10-45-10739.txt	10	5	45	33	13.1	33	33.0	20250	44639	558	30	0.0	30.5	1.2
data5-10-45-10740.txt	10	5	45	31	1.7	31	31.0	20250	44406	0	0	0.0	30.5	1.4
data5-10-45-10741.txt	10	5	45	26	1.4	26	26.0	20250	43766	1	7	0.0	24.0	0.6
data5-10-45-10742.txt	10	5	45	35	4.7	35	35.0	20250	44672	1	0	0.0	33.0	2.1
data5-10-45-10743.txt	10	5	45	32	1.9	32	32.0	20250	44776	0	0	0.0	32.0	1.4
data5-10-45-10744.txt	10	5	45	30	1.3	30	30.0	20250	44181	0	0	0.0	30.0	0.8
data5-10-45-10745.txt	10	5	45	32	1.5	32	32.0	20250	44609	0	0	0.0	31.7	0.9
data5-10-45-10746.txt	10	5	45	28	1.5	28	28.0	20250	44873	0	0	0.0	27.5	1.0
data5-10-45-10747.txt	10	5	45	27	1.2	27	27.0	20250	43901	0	0	0.0	25.5	0.7
data5-10-45-10748.txt	10	5	45	26	0.9	26	26.0	20250	43850	0	0	0.0	25.0	0.5
data5-10-45-10749.txt	10	5	45	34	5.4	34	34.0	20250	44665	1	0	0.0	31.0	2.0
data5-10-45-10750.txt	10	5	45	33	2.3	33	33.0	20250	44436	0	0	0.0	32.0	1.2
data5-10-45-10751.txt	10	5	45	23	0.9	23	23.0	20250	43706	0	0	0.0	22.3	0.6
data5-10-45-10752.txt	10	5	45	32	2.8	32	32.0	20250	44420	1	4	0.0	29.4	0.7
data5-10-45-10753.txt	10	5	45	26	1.2	26	26.0	20250	44157	0	0	0.0	26.0	0.8
data5-10-45-10754.txt	10	5	45	37	4.5	37	37.0	20250	44500	1	0	0.0	34.0	2.1
data5-10-45-10755.txt	10	5	45	29	3.0	29	29.0	20250	44323	1	0	0.0	27.0	0.9
data5-10-45-10756.txt	10	5	45	33	1.7	33	33.0	20250	44256	0	0	0.0	32.5	1.1
data5-10-45-10757.txt	10	5	45	29	3.1	29	29.0	20250	44448	1	0	0.0	25.5	1.1
data5-10-45-10758.txt	10	5	45	22	0.5	22	22.0	20250	43594	0	0	0.0	22.0	0.4
data5-10-45-10759.txt	10	5	45	23	0.7	23	23.0	20250	43877	0	0	0.0	23.0	0.5
data5-10-45-10760.txt	10	5	45	23	0.8	23	23.0	20250	44108	0	0	0.0	23.0	0.5
data5-10-45-10761.txt	10	5	45	29	1.3	29	29.0	20250	44774	0	0	0.0	29.0	1.0
data5-10-45-10762.txt	10	5	45	35	5.6	35	35.0	20250	44546	4	0	0.0	33.0	1.4
data5-10-45-10763.txt	10	5	45	31	6.9	31	31.0	20250	44353	38	12	0.0	28.1	0.9
data5-10-45-10764.txt	10	5	45	25	2.5	25	25.0	20250	44000	72	0	0.0	23.0	0.7
data5-10-45-10765.txt	10	5	45	31	1.6	31	31.0	20250	44048	1	0	0.0	29.1	0.7
data5-10-45-10766.txt	10	5	45	34	2.5	34	34.0	20250	44450	1	3	0.0	32.2	1.0
data5-10-45-10767.txt	10	5	45	27	1.0	27	27.0	20250	44128	0	0	0.0	27.0	0.6
data5-10-45-10768.txt	10	5	45	22	0.8	22	22.0	20250	44075	0	0	0.0	22.0	0.6
data5-10-45-10769.txt	10	5	45	33	1.4	33	33.0	20250	44607	0	0	0.0	32.5	1.0
data5-10-45-10770.txt	10	5	45	26	1.1	26	26.0	20250	44008	0	0	0.0	25.0	0.6
data5-10-45-10771.txt	10	5	45	26	1.4	26	26.0	20250	44330	0	0	0.0	25.0	0.7
data5-10-45-10772.txt	10	5	45	22	0.8	22	22.0	20250	43955	0	0	0.0	22.0	0.5
data5-10-45-10773.txt	10	5	45	28	1.5	28	28.0	20250	43933	0	0	0.0	27.0	0.9
data5-10-45-10774.txt	10	5	45	36	1.5	36	36.0	20250	44633	0	0	0.0	35.5	1.3
data5-10-45-10775.txt	10	5	45	30	1.7	30	30.0	20250	43774	19	0	0.0	28.1	0.6
data5-10-45-10776.txt	10	5	45	23	0.8	23	23.0	20250	44132	0	0	0.0	23.0	0.5
data5-10-45-10777.txt	10	5	45	30	2.2	30	30.0	20250	44242	1	15	0.0	28.5	0.9
data5-10-45-10778.txt	10	5	45	28	2.0	28	28.0	20250	44061	1	0	0.0	26.0	0.7
data5-10-45-10779.txt	10	5	45	30	1.6	30	30.0	20250	44182	0	0	0.0	28.5	0.8
data5-10-45-10780.txt	10	5	45	23	1.0	23	23.0	20250	43950	1	18	0.0	22.0	0.5
data5-10-45-10781.txt	10	5	45	29	1.2	29	29.0	20250	44555	0	0	0.0	29.0	1.0
data5-10-45-10782.txt	10	5	45	34	2.5	34	34.0	20250	44602	0	0	0.0	33.0	1.5
data5-10-45-10783.txt	10	5	45	29	2.0	29	29.0	20250	44186	1	8	0.0	27.3	0.8
data5-10-45-10784.txt	10	5	45	21	1.0	21	21.0	20250	44228	0	0	0.0	20.0	0.5
data5-10-45-10785.txt	10	5	45	28	2.1	28	28.0	20250	43756	30	0	0.0	25.0	0.6
data5-10-45-10786.txt	10	5	45	24	0.9	24	24.0	20250	43999	0	0	0.0	24.0	0.6
data5-10-45-10787.txt	10	5	45	29	1.4	29	29.0	20250	43941	0	2	0.0	27.8	0.8
data5-10-45-10788.txt	10	5	45	33	2.8	33	33.0	20250	44634	1	0	0.0	32.0	1.6
data5-10-45-10789.txt	10	5	45	34	1.3	34	34.0	20250	44131	0	0	0.0	33.5	0.7
data5-10-45-10790.txt	10	5	45	25	1.0	25	25.0	20250	43916	0	0	0.0	24.1	0.7
data5-10-45-10791.txt	10	5	45	28	0.8	28	28.0	20250	43724	0	0	0.0	28.0	0.5
data5-10-45-10792.txt	10	5	45	31	1.4	31	31.0	20250	44388	0	0	0.0	30.0	1.0
data5-10-45-10793.txt	10	5	45	26	1.1	26	26.0	20250	44271	0	0	0.0	25.0	0.7
data5-10-45-10794.txt	10	5	45	26	1.1	26	26.0	20250	43967	0	0	0.0	26.0	0.9
data5-10-45-10795.txt	10	5	45	33	3.2	33	33.0	20250	44411	11	29	0.0	31.0	0.8
data5-10-45-10796.txt	10	5	45	31	2.4	31	31.0	20250	44798	1	0	0.0	29.2	1.0
data5-10-45-10797.txt	10	5	45	22	0.6	22	22.0	20250	43482	0	0	0.0	22.0	0.4
data5-10-45-10798.txt	10	5	45	31	1.4	31	31.0	20250	44233	0	0	0.0	30.5	1.0
data5-10-45-10799.txt	10	5	45	32	2.6	32	32.0	20250	44253	1	5	0.0	29.0	0.9
data5-10-45-10800.txt	10	5	45	27	1.3	27	27.0	20250	43934	0	0	0.0	26.0	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-10-46-10801.txt	10	5	46	30	1.3	30	30.0	21160	46217	0	0	0.0	30.0	0.9
data5-10-46-10802.txt	10	5	46	31	1.2	31	31.0	21160	46429	0	0	0.0	30.5	0.7
data5-10-46-10803.txt	10	5	46	34	43.6	34	34.0	21160	46534	1982	13	0.0	30.5	1.2
data5-10-46-10804.txt	10	5	46	36	4.1	36	36.0	21160	46812	4	13	0.0	33.5	1.0
data5-10-46-10805.txt	10	5	46	25	0.9	25	25.0	21160	46157	0	0	0.0	25.0	0.7
data5-10-46-10806.txt	10	5	46	33	2.0	33	33.0	21160	45923	1	0	0.0	31.0	0.8
data5-10-46-10807.txt	10	5	46	29	3.7	29	29.0	21160	46821	10	0	0.0	26.0	1.2
data5-10-46-10808.txt	10	5	46	29	1.1	29	29.0	21160	46089	0	0	0.0	29.0	0.7
data5-10-46-10809.txt	10	5	46	24	0.9	24	24.0	21160	45970	0	0	0.0	23.5	0.5
data5-10-46-10810.txt	10	5	46	37	6.9	37	37.0	21160	46844	391	42	0.0	31.5	1.3
data5-10-46-10811.txt	10	5	46	30	1.4	30	30.0	21160	46193	0	0	0.0	29.2	0.9
data5-10-46-10812.txt	10	5	46	30	1.1	30	30.0	21160	45959	0	0	0.0	30.0	0.7
data5-10-46-10813.txt	10	5	46	29	0.8	29	29.0	21160	45772	0	0	0.0	29.0	0.6
data5-10-46-10814.txt	10	5	46	28	1.5	28	28.0	21160	46167	1	6	0.0	27.0	0.9
data5-10-46-10815.txt	10	5	46	36	1.9	36	36.0	21160	46412	0	0	0.0	35.0	1.2
data5-10-46-10816.txt	10	5	46	34	3.8	34	34.0	21160	46695	1	17	0.0	31.3	0.8
data5-10-46-10817.txt	10	5	46	27	1.1	27	27.0	21160	46154	0	0	0.0	27.0	0.7
data5-10-46-10818.txt	10	5	46	37	2.1	37	37.0	21160	46039	1	0	0.0	34.5	0.9
data5-10-46-10819.txt	10	5	46	26	1.2	26	26.0	21160	46189	0	0	0.0	26.0	0.7
data5-10-46-10820.txt	10	5	46	32	3.1	32	32.0	21160	46612	1	8	0.0	30.0	1.1
data5-10-46-10821.txt	10	5	46	33	4.2	33	33.0	21160	46618	7	0	0.0	29.5	0.9
data5-10-46-10822.txt	10	5	46	31	1.5	31	31.0	21160	46582	0	0	0.0	29.2	0.7
data5-10-46-10823.txt	10	5	46	34	2.3	34	34.0	21160	46394	1	0	0.0	32.5	1.0
data5-10-46-10824.txt	10	5	46	31	1.1	31	31.0	21160	46217	0	0	0.0	31.0	0.6
data5-10-46-10825.txt	10	5	46	25	0.6	25	25.0	21160	45381	0	0	0.0	25.0	0.4
data5-10-46-10826.txt	10	5	46	33	1.7	33	33.0	21160	46329	0	0	0.0	33.0	1.3
data5-10-46-10827.txt	10	5	46	27	0.9	27	27.0	21160	45759	0	0	0.0	27.0	0.6
data5-10-46-10828.txt	10	5	46	31	1.3	31	31.0	21160	46645	0	0	0.0	31.0	0.9
data5-10-46-10829.txt	10	5	46	32	3.0	32	32.0	21160	46133	9	2	0.0	29.0	0.8
data5-10-46-10830.txt	10	5	46	33	4.3	33	33.0	21160	46918	23	16	0.0	30.0	1.2
data5-10-46-10831.txt	10	5	46	40	30.0	40	40.0	21160	46188	2629	1	0.0	36.8	1.9
data5-10-46-10832.txt	10	5	46	23	0.9	23	23.0	21160	45805	0	2	0.0	22.0	0.6
data5-10-46-10833.txt	10	5	46	28	1.9	28	28.0	21160	46272	0	0	0.0	27.0	1.0
data5-10-46-10834.txt	10	5	46	28	1.3	28	28.0	21160	46262	0	0	0.0	28.0	0.9
data5-10-46-10835.txt	10	5	46	20	0.7	20	20.0	21160	45147	0	0	0.0	20.0	0.5
data5-10-46-10836.txt	10	5	46	23	0.9	23	23.0	21160	45905	0	0	0.0	23.0	0.6
data5-10-46-10837.txt	10	5	46	30	3.7	30	30.0	21160	46208	79	2	0.0	28.0	0.9
data5-10-46-10838.txt	10	5	46	28	1.1	28	28.0	21160	46574	0	0	0.0	27.3	0.8
data5-10-46-10839.txt	10	5	46	35	1.3	35	35.0	21160	46314	0	0	0.0	34.2	1.2
data5-10-46-10840.txt	10	5	46	34	16.4	34	34.0	21160	45916	2608	23	0.0	28.5	0.9
data5-10-46-10841.txt	10	5	46	37	142.4	37	37.0	21160	46213	11980	16	0.0	33.0	1.0
data5-10-46-10842.txt	10	5	46	37	2.4	37	37.0	21160	46838	0	0	0.0	36.3	1.8
data5-10-46-10843.txt	10	5	46	25	0.8	25	25.0	21160	46024	0	2	0.0	24.0	0.6
data5-10-46-10844.txt	10	5	46	28	1.1	28	28.0	21160	45608	1	6	0.0	27.0	0.5
data5-10-46-10845.txt	10	5	46	31	1.5	31	31.0	21160	46521	0	0	0.0	31.0	0.9
data5-10-46-10846.txt	10	5	46	32	1.1	32	32.0	21160	46006	0	0	0.0	32.0	0.8
data5-10-46-10847.txt	10	5	46	32	1.1	32	32.0	21160	46111	0	0	0.0	32.0	0.9
data5-10-46-10848.txt	10	5	46	30	1.4	30	30.0	21160	46403	0	0	0.0	29.0	0.7
data5-10-46-10849.txt	10	5	46	31	1.5	31	31.0	21160	46527	0	0	0.0	30.5	0.9
data5-10-46-10850.txt	10	5	46	34	1.7	34	34.0	21160	46723	0	0	0.0	33.5	1.1
data5-10-46-10851.txt	10	5	46	34	1.7	34	34.0	21160	46591	0	0	0.0	33.5	1.2
data5-10-46-10852.txt	10	5	46	35	1.6	35	35.0	21160	46452	0	0	0.0	34.0	1.2
data5-10-46-10853.txt	10	5	46	29	2.1	29	29.0	21160	46555	1	0	0.0	26.5	0.9
data5-10-46-10854.txt	10	5	46	25	1.9	25	25.0	21160	46045	1	0	0.0	23.5	0.9
data5-10-46-10855.txt	10	5	46	28	2.5	28	28.0	21160	46202	1	0	0.0	26.1	0.8
data5-10-46-10856.txt	10	5	46	33	1.6	33	33.0	21160	46109	0	0	0.0	32.0	0.8
data5-10-46-10857.txt	10	5	46	24	1.1	24	24.0	21160	45769	1	8	0.0	22.8	0.5
data5-10-46-10858.txt	10	5	46	32	1.5	32	32.0	21160	45995	0	0	0.0	32.0	1.0
data5-10-46-10859.txt	10	5	46	30	1.7	30	30.0	21160	46114	1	2	0.0	29.0	0.8
data5-10-46-10860.txt	10	5	46	29	1.0	29	29.0	21160	45571	0	0	0.0	28.0	0.6
data5-10-46-10861.txt	10	5	46	27	0.9	27	27.0	21160	45945	0	0	0.0	26.5	0.5
data5-10-46-10862.txt	10	5	46	30	1.3	30	30.0	21160	46020	0	0	0.0	29.0	0.7
data5-10-46-10863.txt	10	5	46	33	1.3	33	33.0	21160	46174	1	0	0.0	31.0	0.7
data5-10-46-10864.txt	10	5	46	35	2.6	35	35.0	21160	46539	1	4	0.0	33.5	1.5
data5-10-46-10865.txt	10	5	46	32	2.0	32	32.0	21160	46249	1	27	0.0	31.0	0.8
data5-10-46-10866.txt	10	5	46	30	1.2	30	30.0	21160	46355	0	0	0.0	29.5	0.8
data5-10-46-10867.txt	10	5	46	32	1.2	32	32.0	21160	45952	0	0	0.0	32.0	0.7
data5-10-46-10868.txt	10	5	46	27	0.9	27	27.0	21160	45866	0	0	0.0	27.0	0.6
data5-10-46-10869.txt	10	5	46	34	9.3	35	34.0	21160	46521	33	35	0.0	32.5	1.3
data5-10-46-10870.txt	10	5	46	25	1.2	25	25.0	21160	46279	0	0	0.0	25.0	0.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-10-46-10871.txt	10	5	46	34	2.0	34	34.0	21160	46391	1	0	0.0	32.0	1.1
data5-10-46-10872.txt	10	5	46	36	4.3	36	36.0	21160	46942	111	0	0.0	33.0	1.4
data5-10-46-10873.txt	10	5	46	26	0.9	26	26.0	21160	46045	0	0	0.0	25.5	0.7
data5-10-46-10874.txt	10	5	46	31	1.6	31	31.0	21160	46228	0	0	0.0	31.0	1.0
data5-10-46-10875.txt	10	5	46	35	2.0	35	35.0	21160	46281	0	0	0.0	34.2	1.3
data5-10-46-10876.txt	10	5	46	30	1.4	30	30.0	21160	46494	0	0	0.0	29.3	0.9
data5-10-46-10877.txt	10	5	46	39	13.5	39	39.0	21160	46742	464	4	0.0	35.5	1.6
data5-10-46-10878.txt	10	5	46	31	3.2	31	31.0	21160	46645	1	0	0.0	29.0	1.4
data5-10-46-10879.txt	10	5	46	32	1.5	32	32.0	21160	46249	0	0	0.0	32.0	0.9
data5-10-46-10880.txt	10	5	46	25	0.9	25	25.0	21160	45939	0	0	0.0	24.5	0.6
data5-10-46-10881.txt	10	5	46	30	1.6	30	30.0	21160	46451	0	0	0.0	29.0	1.1
data5-10-46-10882.txt	10	5	46	33	2.9	33	33.0	21160	46729	1	0	0.0	31.2	1.4
data5-10-46-10883.txt	10	5	46	36	2.4	36	36.0	21160	46676	1	2	0.0	34.5	1.2
data5-10-46-10884.txt	10	5	46	31	1.7	31	31.0	21160	46465	1	2	0.0	29.0	0.7
data5-10-46-10885.txt	10	5	46	29	0.9	29	29.0	21160	45977	0	0	0.0	29.0	0.7
data5-10-46-10886.txt	10	5	46	25	0.8	25	25.0	21160	45878	0	0	0.0	25.0	0.5
data5-10-46-10887.txt	10	5	46	26	1.3	26	26.0	21160	46082	0	0	0.0	25.0	0.8
data5-10-46-10888.txt	10	5	46	32	1.7	32	32.0	21160	46175	0	0	0.0	32.0	1.0
data5-10-46-10889.txt	10	5	46	33	2.3	33	33.0	21160	46166	120	35	0.0	29.5	0.6
data5-10-46-10890.txt	10	5	46	30	2.3	30	30.0	21160	46303	1	4	0.0	28.5	1.0
data5-10-46-10891.txt	10	5	46	39	2.6	39	39.0	21160	46742	1	1	0.0	36.5	1.3
data5-10-46-10892.txt	10	5	46	26	1.2	26	26.0	21160	46049	0	3	0.0	25.0	0.7
data5-10-46-10893.txt	10	5	46	24	0.8	24	24.0	21160	45593	0	0	0.0	24.0	0.5
data5-10-46-10894.txt	10	5	46	25	4.3	25	25.0	21160	46156	344	0	0.0	22.5	0.6
data5-10-46-10895.txt	10	5	46	32	2.8	32	32.0	21160	46720	1	12	0.0	31.0	1.3
data5-10-46-10896.txt	10	5	46	24	1.3	24	24.0	21160	45742	1	0	0.0	23.0	0.6
data5-10-46-10897.txt	10	5	46	35	8.0	35	35.0	21160	46578	50	0	0.0	31.4	2.2
data5-10-46-10898.txt	10	5	46	37	31.4	37	37.0	21160	46184	2384	72	0.0	33.8	1.1
data5-10-46-10899.txt	10	5	46	27	1.2	27	27.0	21160	46366	0	0	0.0	26.0	0.7
data5-10-46-10900.txt	10	5	46	28	1.2	28	28.0	21160	46199	0	0	0.0	27.5	0.9
data5-10-47-10901.txt	10	5	47	28	1.3	28	28.0	22090	48066	0	0	0.0	26.5	0.7
data5-10-47-10902.txt	10	5	47	32	3.1	32	32.0	22090	48596	1	0	0.0	30.0	1.0
data5-10-47-10903.txt	10	5	47	36	2.8	36	36.0	22090	48489	1	0	0.0	34.5	2.3
data5-10-47-10904.txt	10	5	47	37	2.1	37	37.0	22090	48839	0	0	0.0	35.5	1.1
data5-10-47-10905.txt	10	5	47	31	1.7	31	31.0	22090	48207	0	0	0.0	30.0	0.8
data5-10-47-10906.txt	10	5	47	35	1.4	35	35.0	22090	48354	1	6	0.0	34.0	0.8
data5-10-47-10907.txt	10	5	47	30	1.2	30	30.0	22090	48318	0	0	0.0	30.0	0.7
data5-10-47-10908.txt	10	5	47	23	0.9	23	23.0	22090	47799	0	0	0.0	23.0	0.5
data5-10-47-10909.txt	10	5	47	39	3.9	39	39.0	22090	48519	1	0	0.0	36.5	1.7
data5-10-47-10910.txt	10	5	47	31	1.2	31	31.0	22090	48002	0	0	0.0	30.5	0.8
data5-10-47-10911.txt	10	5	47	29	2.8	29	29.0	22090	48596	30	50	0.0	28.0	1.1
data5-10-47-10912.txt	10	5	47	32	1.1	32	32.0	22090	48233	0	3	0.0	31.0	0.8
data5-10-47-10913.txt	10	5	47	26	1.2	26	26.0	22090	48338	0	0	0.0	26.0	0.9
data5-10-47-10914.txt	10	5	47	35	20.7	35	35.0	22090	48434	798	10	0.0	33.0	0.9
data5-10-47-10915.txt	10	5	47	33	1.0	33	33.0	22090	47884	0	0	0.0	32.5	0.7
data5-10-47-10916.txt	10	5	47	27	0.9	27	27.0	22090	47877	0	0	0.0	26.0	0.6
data5-10-47-10917.txt	10	5	47	26	0.8	26	26.0	22090	48081	0	0	0.0	26.0	0.5
data5-10-47-10918.txt	10	5	47	34	2.2	34	34.0	22090	48246	1	0	0.0	31.5	0.7
data5-10-47-10919.txt	10	5	47	24	0.7	24	24.0	22090	47367	0	0	0.0	23.3	0.5
data5-10-47-10920.txt	10	5	47	34	1.3	34	34.0	22090	48142	0	0	0.0	33.5	0.9
data5-10-47-10921.txt	10	5	47	25	1.2	25	25.0	22090	48306	0	0	0.0	24.5	0.7
data5-10-47-10922.txt	10	5	47	29	1.2	29	29.0	22090	48306	0	0	0.0	28.0	0.7
data5-10-47-10923.txt	10	5	47	36	1.7	36	36.0	22090	48476	0	0	0.0	35.2	1.2
data5-10-47-10924.txt	10	5	47	32	120.6	32	32.0	22090	48187	2452	1	0.0	29.0	1.5
data5-10-47-10925.txt	10	5	47	32	1.2	32	32.0	22090	48064	0	0	0.0	31.5	1.0
data5-10-47-10926.txt	10	5	47	36	1.8	36	36.0	22090	48563	0	0	0.0	36.0	1.0
data5-10-47-10927.txt	10	5	47	32	1.4	32	32.0	22090	48733	0	0	0.0	32.0	0.9
data5-10-47-10928.txt	10	5	47	38	6.4	38	38.0	22090	48883	1	2	0.0	35.5	2.0
data5-10-47-10929.txt	10	5	47	26	0.8	26	26.0	22090	48050	0	4	0.0	25.0	0.6
data5-10-47-10930.txt	10	5	47	29	2.1	29	29.0	22090	48535	1	4	0.0	27.5	0.9
data5-10-47-10931.txt	10	5	47	26	1.0	26	26.0	22090	48120	0	0	0.0	26.0	0.6
data5-10-47-10932.txt	10	5	47	32	2.0	32	32.0	22090	48305	0	0	0.0	31.0	1.0
data5-10-47-10933.txt	10	5	47	32	1.2	32	32.0	22090	48401	0	0	0.0	32.0	0.8
data5-10-47-10934.txt	10	5	47	28	1.3	28	28.0	22090	48560	0	0	0.0	28.0	0.9
data5-10-47-10935.txt	10	5	47	29	1.1	29	29.0	22090	47906	0	0	0.0	28.2	0.7
data5-10-47-10936.txt	10	5	47	33	1.8	33	33.0	22090	48603	0	0	0.0	32.5	1.3
data5-10-47-10937.txt	10	5	47	27	1.1	27	27.0	22090	48138	0	0	0.0	26.0	0.7
data5-10-47-10938.txt	10	5	47	34	1.4	34	34.0	22090	48699	0	1	0.0	33.0	0.8
data5-10-47-10939.txt	10	5	47	37	2.3	37	37.0	22090	48839	0	0	0.0	37.0	1.9
data5-10-47-10940.txt	10	5	47	32	2.4	32	32.0	22090	48190	0	4	0.0	31.0	1.0

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data5-10-47-10941.txt	10	5	47	20	0.7	20	20.0	22090	47620	0	0	0.0	20.0	0.5
data5-10-47-10942.txt	10	5	47	31	1.7	31	31.0	22090	48231	0	0	0.0	30.0	0.9
data5-10-47-10943.txt	10	5	47	30	1.0	30	30.0	22090	47996	0	0	0.0	29.2	0.7
data5-10-47-10944.txt	10	5	47	34	1.8	34	34.0	22090	48978	0	0	0.0	34.0	1.2
data5-10-47-10945.txt	10	5	47	34	1.3	34	34.0	22090	47799	0	0	0.0	34.0	0.9
data5-10-47-10946.txt	10	5	47	29	1.2	29	29.0	22090	48334	0	0	0.0	28.5	0.9
data5-10-47-10947.txt	10	5	47	28	1.0	28	28.0	22090	48028	0	1	0.0	27.0	0.6
data5-10-47-10948.txt	10	5	47	35	1.5	35	35.0	22090	48816	0	0	0.0	35.0	0.9
data5-10-47-10949.txt	10	5	47	30	1.8	30	30.0	22090	48371	4	43	0.0	28.0	0.8
data5-10-47-10950.txt	10	5	47	39	2.9	39	39.0	22090	48076	27	18	0.0	37.0	0.9
data5-10-47-10951.txt	10	5	47	28	0.8	28	28.0	22090	47851	0	0	0.0	28.0	0.5
data5-10-47-10952.txt	10	5	47	32	8.3	32	32.0	22090	48518	11	0	0.0	27.5	1.0
data5-10-47-10953.txt	10	5	47	25	0.8	25	25.0	22090	47782	0	0	0.0	25.0	0.6
data5-10-47-10954.txt	10	5	47	31	1.6	31	31.0	22090	48591	0	0	0.0	30.3	1.2
data5-10-47-10955.txt	10	5	47	36	3.0	36	36.0	22090	48562	42	19	0.0	33.5	1.0
data5-10-47-10956.txt	10	5	47	39	4.9	39	39.0	22090	48731	1	10	0.0	36.7	1.2
data5-10-47-10957.txt	10	5	47	30	2.5	30	30.0	22090	47947	1	8	0.0	29.0	0.9
data5-10-47-10958.txt	10	5	47	25	1.0	25	25.0	22090	47916	0	0	0.0	25.0	0.6
data5-10-47-10959.txt	10	5	47	36	20.1	36	36.0	22090	49121	1367	28	0.0	33.0	1.4
data5-10-47-10960.txt	10	5	47	39	2.1	39	39.0	22090	48371	1	10	0.0	35.5	0.9
data5-10-47-10961.txt	10	5	47	37	1.2	37	37.0	22090	48076	0	0	0.0	36.0	0.7
data5-10-47-10962.txt	10	5	47	26	1.1	26	26.0	22090	48450	0	0	0.0	26.0	0.8
data5-10-47-10963.txt	10	5	47	37	5.7	38	37.0	22090	48610	48	53	0.0	33.9	1.4
data5-10-47-10964.txt	10	5	47	27	1.2	27	27.0	22090	48382	0	0	0.0	26.0	0.7
data5-10-47-10965.txt	10	5	47	33	2.8	33	33.0	22090	48630	1	2	0.0	31.0	1.1
data5-10-47-10966.txt	10	5	47	30	1.2	30	30.0	22090	48034	0	0	0.0	29.5	0.8
data5-10-47-10967.txt	10	5	47	29	0.9	29	29.0	22090	48008	0	0	0.0	28.2	0.6
data5-10-47-10968.txt	10	5	47	35	3.4	36	35.0	22090	48747	29	43	0.0	33.5	1.3
data5-10-47-10969.txt	10	5	47	37	2.3	37	37.0	22090	48499	1	29	0.0	36.0	1.2
data5-10-47-10970.txt	10	5	47	36	3.0	36	36.0	22090	48339	55	56	0.0	35.0	1.1
data5-10-47-10971.txt	10	5	47	29	1.1	29	29.0	22090	47989	0	0	0.0	29.0	0.7
data5-10-47-10972.txt	10	5	47	33	2.0	33	33.0	22090	48391	1	0	0.0	31.0	0.8
data5-10-47-10973.txt	10	5	47	40	1.6	40	40.0	22090	48751	0	1	0.0	38.5	1.2
data5-10-47-10974.txt	10	5	47	28	1.3	28	28.0	22090	48452	0	0	0.0	28.0	0.8
data5-10-47-10975.txt	10	5	47	34	4.5	34	34.0	22090	48531	1	0	0.0	31.5	1.3
data5-10-47-10976.txt	10	5	47	37	1.5	37	37.0	22090	48064	1	29	0.0	35.0	0.7
data5-10-47-10977.txt	10	5	47	36	1.9	36	36.0	22090	48106	0	2	0.0	34.0	1.5
data5-10-47-10978.txt	10	5	47	29	1.2	29	29.0	22090	48200	0	0	0.0	28.2	0.9
data5-10-47-10979.txt	10	5	47	30	1.8	30	30.0	22090	48291	1	5	0.0	28.5	0.8
data5-10-47-10980.txt	10	5	47	34	2.2	34	34.0	22090	48453	0	0	0.0	33.0	1.1
data5-10-47-10981.txt	10	5	47	34	2.5	34	34.0	22090	48347	1	14	0.0	32.0	0.9
data5-10-47-10982.txt	10	5	47	33	1.3	33	33.0	22090	48072	0	2	0.0	32.0	0.7
data5-10-47-10983.txt	10	5	47	35	16.6	35	35.0	22090	48689	741	16	0.0	32.0	1.0
data5-10-47-10984.txt	10	5	47	28	1.2	28	28.0	22090	48301	0	0	0.0	27.3	0.6
data5-10-47-10985.txt	10	5	47	33	1.4	33	33.0	22090	48148	0	0	0.0	32.0	0.7
data5-10-47-10986.txt	10	5	47	36	3.5	36	36.0	22090	48467	1	5	0.0	35.0	1.6
data5-10-47-10987.txt	10	5	47	38	3.2	38	38.0	22090	48371	1	6	0.0	37.0	1.1
data5-10-47-10988.txt	10	5	47	28	1.1	28	28.0	22090	47739	0	0	0.0	28.0	0.6
data5-10-47-10989.txt	10	5	47	30	1.7	30	30.0	22090	48492	0	0	0.0	29.5	1.0
data5-10-47-10990.txt	10	5	47	30	2.8	30	30.0	22090	47808	223	3	0.0	27.0	0.6
data5-10-47-10991.txt	10	5	47	34	2.2	34	34.0	22090	48437	0	3	0.0	32.5	1.0
data5-10-47-10992.txt	10	5	47	25	0.8	25	25.0	22090	47682	0	0	0.0	24.2	0.5
data5-10-47-10993.txt	10	5	47	33	3.8	33	33.0	22090	48762	1	0	0.0	30.9	1.3
data5-10-47-10994.txt	10	5	47	28	0.7	28	28.0	22090	47684	0	0	0.0	28.0	0.5
data5-10-47-10995.txt	10	5	47	28	1.1	28	28.0	22090	48217	0	0	0.0	27.5	0.7
data5-10-47-10996.txt	10	5	47	27	1.0	27	27.0	22090	48142	0	0	0.0	27.0	0.7
data5-10-47-10997.txt	10	5	47	27	1.1	27	27.0	22090	48009	0	0	0.0	27.0	0.7
data5-10-47-10998.txt	10	5	47	31	1.3	31	31.0	22090	48736	0	0	0.0	31.0	0.8
data5-10-47-10999.txt	10	5	47	29	1.4	29	29.0	22090	48272	0	0	0.0	28.2	0.8
data5-10-47-11000.txt	10	5	47	33	1.7	33	33.0	22090	48294	0	0	0.0	33.0	1.2
data5-10-48-11001.txt	10	5	48	29	1.9	29	29.0	23040	50586	0	0	0.0	27.5	0.9
data5-10-48-11002.txt	10	5	48	32	2.2	32	32.0	23040	50763	0	0	0.0	31.0	1.1
data5-10-48-11003.txt	10	5	48	36	2.3	36	36.0	23040	50773	0	3	0.0	35.0	1.4
data5-10-48-11004.txt	10	5	48	38	3.1	38	38.0	23040	50885	0	0	0.0	37.0	2.6
data5-10-48-11005.txt	10	5	48	41	2.0	41	41.0	23040	50446	0	0	0.0	41.0	1.7
data5-10-48-11006.txt	10	5	48	30	1.1	30	30.0	23040	49811	0	0	0.0	30.0	0.6
data5-10-48-11007.txt	10	5	48	30	1.2	30	30.0	23040	50064	0	0	0.0	29.0	0.7
data5-10-48-11008.txt	10	5	48	36	2.5	36	36.0	23040	50353	0	0	0.0	34.5	1.4
data5-10-48-11009.txt	10	5	48	29	2.3	29	29.0	23040	50450	0	0	0.0	28.0	1.1
data5-10-48-11010.txt	10	5	48	30	1.4	30	30.0	23040	50098	0	2	0.0	29.0	0.9

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-10-48-11011.txt	10	5	48	24	1.0	24	24.0	23040	50181	0	1	0.0	23.0	0.6
data5-10-48-11012.txt	10	5	48	37	1.7	37	37.0	23040	50317	0	3	0.0	36.0	1.0
data5-10-48-11013.txt	10	5	48	36	2.2	36	36.0	23040	50612	1	7	0.0	34.5	0.9
data5-10-48-11014.txt	10	5	48	27	1.0	27	27.0	23040	50135	0	0	0.0	27.0	0.6
data5-10-48-11015.txt	10	5	48	28	1.1	28	28.0	23040	50045	0	0	0.0	27.5	0.7
data5-10-48-11016.txt	10	5	48	32	2.9	32	32.0	23040	50486	11	7	0.0	30.0	0.8
data5-10-48-11017.txt	10	5	48	29	3.7	29	29.0	23040	50382	178	4	0.0	26.5	0.8
data5-10-48-11018.txt	10	5	48	37	4.1	37	37.0	23040	50670	1	0	0.0	34.5	2.0
data5-10-48-11019.txt	10	5	48	38	1.7	38	38.0	23040	50131	0	0	0.0	36.5	0.9
data5-10-48-11020.txt	10	5	48	32	1.0	32	32.0	23040	50104	0	0	0.0	31.5	0.8
data5-10-48-11021.txt	10	5	48	24	1.1	24	24.0	23040	50066	0	0	0.0	24.0	0.7
data5-10-48-11022.txt	10	5	48	33	1.3	33	33.0	23040	49917	0	1	0.0	32.0	0.8
data5-10-48-11023.txt	10	5	48	28	1.0	28	28.0	23040	50161	0	0	0.0	27.2	0.8
data5-10-48-11024.txt	10	5	48	36	1.9	36	36.0	23040	50318	1	1	0.0	34.0	0.9
data5-10-48-11025.txt	10	5	48	33	2.4	33	33.0	23040	50413	1	0	0.0	31.5	1.3
data5-10-48-11026.txt	10	5	48	31	2.1	31	31.0	23040	50097	1	6	0.0	30.0	0.9
data5-10-48-11027.txt	10	5	48	33	1.3	33	33.0	23040	50609	0	0	0.0	32.5	0.8
data5-10-48-11028.txt	10	5	48	34	2.0	34	34.0	23040	50378	1	1	0.0	31.5	1.0
data5-10-48-11029.txt	10	5	48	29	1.1	29	29.0	23040	50371	0	0	0.0	28.5	0.7
data5-10-48-11030.txt	10	5	48	27	1.3	27	27.0	23040	49882	0	0	0.0	25.5	0.6
data5-10-48-11031.txt	10	5	48	32	1.8	32	32.0	23040	50295	0	0	0.0	32.0	1.2
data5-10-48-11032.txt	10	5	48	39	2.4	39	39.0	23040	50563	1	4	0.0	37.5	1.1
data5-10-48-11033.txt	10	5	48	33	2.4	33	33.0	23040	50519	1	28	0.0	30.0	0.9
data5-10-48-11034.txt	10	5	48	34	23.0	34	34.0	23040	50755	1183	16	0.0	31.0	1.2
data5-10-48-11035.txt	10	5	48	22	0.9	22	22.0	23040	50174	0	0	0.0	22.0	0.7
data5-10-48-11036.txt	10	5	48	28	1.1	28	28.0	23040	50009	0	0	0.0	28.0	0.6
data5-10-48-11037.txt	10	5	48	30	1.7	30	30.0	23040	49992	1	0	0.0	28.0	0.8
data5-10-48-11038.txt	10	5	48	33	1.3	33	33.0	23040	50007	0	0	0.0	32.0	0.9
data5-10-48-11039.txt	10	5	48	30	1.1	30	30.0	23040	49812	0	0	0.0	29.5	0.8
data5-10-48-11040.txt	10	5	48	33	1.3	33	33.0	23040	50064	0	0	0.0	33.0	0.9
data5-10-48-11041.txt	10	5	48	24	0.8	24	24.0	23040	49859	0	0	0.0	24.0	0.5
data5-10-48-11042.txt	10	5	48	34	2.0	34	34.0	23040	50468	1	3	0.0	32.5	1.0
data5-10-48-11043.txt	10	5	48	41	79.5	41	41.0	23040	50626	946	3	0.0	36.0	1.4
data5-10-48-11044.txt	10	5	48	31	1.3	31	31.0	23040	50512	0	0	0.0	31.0	0.9
data5-10-48-11045.txt	10	5	48	39	71.9	39	39.0	23040	50785	1391	14	0.0	36.0	1.5
data5-10-48-11046.txt	10	5	48	36	2.6	36	36.0	23040	50895	1	2	0.0	34.2	1.7
data5-10-48-11047.txt	10	5	48	38	1.7	38	38.0	23040	50141	0	0	0.0	38.0	1.1
data5-10-48-11048.txt	10	5	48	32	1.1	32	32.0	23040	50093	0	3	0.0	30.5	0.7
data5-10-48-11049.txt	10	5	48	29	5.3	29	29.0	23040	50281	296	21	0.0	27.0	0.8
data5-10-48-11050.txt	10	5	48	24	0.9	24	24.0	23040	49827	0	0	0.0	23.5	0.6
data5-10-48-11051.txt	10	5	48	33	1.8	33	33.0	23040	50186	1	3	0.0	31.0	0.8
data5-10-48-11052.txt	10	5	48	32	1.2	32	32.0	23040	50179	1	5	0.0	31.0	0.9
data5-10-48-11053.txt	10	5	48	30	1.4	30	30.0	23040	50250	0	0	0.0	30.0	0.9
data5-10-48-11054.txt	10	5	48	35	10.9	35	35.0	23040	50669	132	0	0.0	31.5	1.7
data5-10-48-11055.txt	10	5	48	29	1.0	29	29.0	23040	49905	0	0	0.0	28.5	0.7
data5-10-48-11056.txt	10	5	48	38	9.1	38	38.0	23040	50291	647	5	0.0	36.0	1.2
data5-10-48-11057.txt	10	5	48	33	8.0	33	33.0	23040	50358	143	0	0.0	29.5	0.9
data5-10-48-11058.txt	10	5	48	35	1.3	35	35.0	23040	50746	0	2	0.0	34.0	0.8
data5-10-48-11059.txt	10	5	48	35	1.8	35	35.0	23040	50571	0	0	0.0	34.5	1.5
data5-10-48-11060.txt	10	5	48	32	1.6	32	32.0	23040	49911	0	0	0.0	31.0	1.0
data5-10-48-11061.txt	10	5	48	29	1.0	29	29.0	23040	50044	1	2	0.0	27.5	0.6
data5-10-48-11062.txt	10	5	48	33	1.2	33	33.0	23040	50003	0	0	0.0	33.0	0.9
data5-10-48-11063.txt	10	5	48	33	1.0	33	33.0	23040	50268	0	0	0.0	33.0	0.7
data5-10-48-11064.txt	10	5	48	35	0.9	35	35.0	23040	50302	0	0	0.0	35.0	0.7
data5-10-48-11065.txt	10	5	48	31	1.4	31	31.0	23040	50239	0	0	0.0	30.5	0.9
data5-10-48-11066.txt	10	5	48	36	1.1	36	36.0	23040	50123	0	0	0.0	36.0	0.8
data5-10-48-11067.txt	10	5	48	28	1.4	28	28.0	23040	49794	1	22	0.0	26.0	0.6
data5-10-48-11068.txt	10	5	48	28	2.0	28	28.0	23040	50114	1	0	0.0	26.0	0.7
data5-10-48-11069.txt	10	5	48	32	1.4	32	32.0	23040	50151	0	0	0.0	32.0	0.8
data5-10-48-11070.txt	10	5	48	33	1.6	33	33.0	23040	50412	0	0	0.0	32.0	0.9
data5-10-48-11071.txt	10	5	48	34	2.9	34	34.0	23040	50214	25	7	0.0	29.5	0.8
data5-10-48-11072.txt	10	5	48	36	1.6	36	36.0	23040	50432	0	0	0.0	36.0	1.2
data5-10-48-11073.txt	10	5	48	36	2.4	36	36.0	23040	50664	1	10	0.0	35.0	1.5
data5-10-48-11074.txt	10	5	48	34	1.9	34	34.0	23040	50235	0	0	0.0	32.5	0.9
data5-10-48-11075.txt	10	5	48	37	58.0	37	37.0	23040	50627	1215	22	0.0	33.0	1.1
data5-10-48-11076.txt	10	5	48	34	1.5	34	34.0	23040	50415	0	0	0.0	32.5	0.8
data5-10-48-11077.txt	10	5	48	30	1.6	30	30.0	23040	50292	0	0	0.0	29.0	1.0
data5-10-48-11078.txt	10	5	48	32	1.4	32	32.0	23040	50401	0	0	0.0	30.4	0.8
data5-10-48-11079.txt	10	5	48	36	2.0	36	36.0	23040	50524	0	0	0.0	35.0	1.2
data5-10-48-11080.txt	10	5	48	32	1.8	32	32.0	23040	49971	1	0	0.0	31.0	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-10-48-11081.txt	10	5	48	31	1.8	31	31.0	23040	50316	0	3	0.0	30.0	1.1
data5-10-48-11082.txt	10	5	48	29	1.4	29	29.0	23040	50607	0	0	0.0	29.0	0.8
data5-10-48-11083.txt	10	5	48	29	1.6	29	29.0	23040	50665	1	12	0.0	27.0	0.8
data5-10-48-11084.txt	10	5	48	33	2.3	33	33.0	23040	50698	1	0	0.0	30.5	1.2
data5-10-48-11085.txt	10	5	48	36	3.1	36	36.0	23040	51013	0	0	0.0	36.0	2.7
data5-10-48-11086.txt	10	5	48	29	0.9	29	29.0	23040	49580	0	0	0.0	29.0	0.6
data5-10-48-11087.txt	10	5	48	34	2.0	34	34.0	23040	50767	0	0	0.0	34.0	1.4
data5-10-48-11088.txt	10	5	48	28	1.3	28	28.0	23040	50459	0	0	0.0	28.0	0.9
data5-10-48-11089.txt	10	5	48	23	0.8	23	23.0	23040	49800	0	0	0.0	23.0	0.5
data5-10-48-11090.txt	10	5	48	35	2.2	35	35.0	23040	50554	1	6	0.0	33.3	1.1
data5-10-48-11091.txt	10	5	48	32	1.5	32	32.0	23040	50185	0	3	0.0	31.0	0.8
data5-10-48-11092.txt	10	5	48	34	1.5	34	34.0	23040	50077	1	0	0.0	32.5	0.8
data5-10-48-11093.txt	10	5	48	37	5.2	37	37.0	23040	50829	19	25	0.0	34.0	1.4
data5-10-48-11094.txt	10	5	48	47	7.2	47	47.0	23040	51087	1	3	0.0	45.0	3.1
data5-10-48-11095.txt	10	5	48	35	1.6	35	35.0	23040	50558	0	0	0.0	34.0	0.9
data5-10-48-11096.txt	10	5	48	30	1.4	30	30.0	23040	50366	0	0	0.0	30.0	0.9
data5-10-48-11097.txt	10	5	48	25	0.7	25	25.0	23040	49479	0	0	0.0	24.0	0.5
data5-10-48-11098.txt	10	5	48	31	1.5	31	31.0	23040	50569	0	1	0.0	30.0	1.1
data5-10-48-11099.txt	10	5	48	35	1.1	35	35.0	23040	50160	0	0	0.0	34.2	0.7
data5-10-48-11100.txt	10	5	48	31	1.5	31	31.0	23040	50274	1	6	0.0	29.0	0.8
data5-10-49-11101.txt	10	5	49	37	2.8	37	37.0	24010	52220	0	6	0.0	36.0	1.7
data5-10-49-11102.txt	10	5	49	39	3.3	39	39.0	24010	52413	1	0	0.0	37.0	1.4
data5-10-49-11103.txt	10	5	49	39	5.5	39	39.0	24010	52724	1	5	0.0	35.5	1.2
data5-10-49-11104.txt	10	5	49	37	1.2	37	37.0	24010	52827	0	0	0.0	37.0	0.8
data5-10-49-11105.txt	10	5	49	32	24.0	32	32.0	24010	52985	1928	32	0.0	28.5	1.0
data5-10-49-11106.txt	10	5	49	31	1.4	31	31.0	24010	52494	0	0	0.0	31.0	0.9
data5-10-49-11107.txt	10	5	49	38	6.5	38	38.0	24010	52690	193	42	0.0	35.5	1.1
data5-10-49-11108.txt	10	5	49	35	1.7	35	35.0	24010	52809	0	0	0.0	35.0	1.2
data5-10-49-11109.txt	10	5	49	33	1.2	33	33.0	24010	52349	0	0	0.0	32.5	0.9
data5-10-49-11110.txt	10	5	49	33	1.8	33	33.0	24010	52400	0	0	0.0	33.0	1.3
data5-10-49-11111.txt	10	5	49	36	12.5	36	36.0	24010	52200	668	18	0.0	33.5	1.3
data5-10-49-11112.txt	10	5	49	27	0.9	27	27.0	24010	51896	0	0	0.0	27.0	0.6
data5-10-49-11113.txt	10	5	49	34	2.1	35	34.0	24010	52426	1	15	0.0	34.0	1.0
data5-10-49-11114.txt	10	5	49	34	2.4	34	34.0	24010	52728	1	18	0.0	32.5	1.4
data5-10-49-11115.txt	10	5	49	34	2.3	34	34.0	24010	52577	0	0	0.0	33.0	1.5
data5-10-49-11116.txt	10	5	49	32	2.5	32	32.0	24010	52274	1	0	0.0	30.0	1.0
data5-10-49-11117.txt	10	5	49	38	49.2	38	38.0	24010	52445	1165	15	0.0	33.5	1.3
data5-10-49-11118.txt	10	5	49	35	1.5	35	35.0	24010	52886	0	0	0.0	35.0	1.1
data5-10-49-11119.txt	10	5	49	36	2.7	36	36.0	24010	52762	1	8	0.0	34.5	1.3
data5-10-49-11120.txt	10	5	49	32	1.5	32	32.0	24010	52533	1	12	0.0	30.5	0.7
data5-10-49-11121.txt	10	5	49	27	0.7	27	27.0	24010	51650	0	0	0.0	27.0	0.6
data5-10-49-11122.txt	10	5	49	35	1.3	35	35.0	24010	51822	0	0	0.0	35.0	0.9
data5-10-49-11123.txt	10	5	49	34	2.1	34	34.0	24010	52300	1	9	0.0	32.5	1.0
data5-10-49-11124.txt	10	5	49	42	3.2	42	42.0	24010	52414	1	14	0.0	40.0	1.8
data5-10-49-11125.txt	10	5	49	35	1.5	35	35.0	24010	52675	0	0	0.0	34.0	1.0
data5-10-49-11126.txt	10	5	49	41	2.6	41	41.0	24010	52908	0	2	0.0	40.0	1.9
data5-10-49-11127.txt	10	5	49	32	1.3	32	32.0	24010	52191	0	0	0.0	31.0	0.8
data5-10-49-11128.txt	10	5	49	31	1.2	31	31.0	24010	52200	0	0	0.0	31.0	0.8
data5-10-49-11129.txt	10	5	49	37	4.9	37	37.0	24010	52800	1	2	0.0	33.7	1.9
data5-10-49-11130.txt	10	5	49	38	3.6	38	38.0	24010	52262	25	19	0.0	35.0	1.0
data5-10-49-11131.txt	10	5	49	33	1.8	33	33.0	24010	52874	0	0	0.0	32.0	1.2
data5-10-49-11132.txt	10	5	49	30	1.0	30	30.0	24010	52251	0	0	0.0	30.0	0.7
data5-10-49-11133.txt	10	5	49	38	1.4	38	38.0	24010	52548	0	0	0.0	38.0	0.8
data5-10-49-11134.txt	10	5	49	31	1.5	31	31.0	24010	52426	0	0	0.0	31.0	1.2
data5-10-49-11135.txt	10	5	49	33	2.6	33	33.0	24010	52190	1	0	0.0	32.0	1.0
data5-10-49-11136.txt	10	5	49	42	5.0	42	42.0	24010	52655	1	1	0.0	38.5	1.3
data5-10-49-11137.txt	10	5	49	34	1.6	34	34.0	24010	52660	0	0	0.0	34.0	0.8
data5-10-49-11138.txt	10	5	49	32	1.3	32	32.0	24010	52186	0	0	0.0	31.0	0.8
data5-10-49-11139.txt	10	5	49	29	2.5	29	29.0	24010	52240	1	0	0.0	28.0	1.0
data5-10-49-11140.txt	10	5	49	33	2.5	33	33.0	24010	52018	1	6	0.0	31.0	0.8
data5-10-49-11141.txt	10	5	49	33	1.9	33	33.0	24010	52316	1	33	0.0	32.0	0.9
data5-10-49-11142.txt	10	5	49	35	4.7	35	35.0	24010	52727	1	0	0.0	31.7	1.9
data5-10-49-11143.txt	10	5	49	32	2.1	32	32.0	24010	52552	0	0	0.0	31.0	1.5
data5-10-49-11144.txt	10	5	49	27	1.1	27	27.0	24010	51910	0	0	0.0	27.0	0.7
data5-10-49-11145.txt	10	5	49	33	1.7	33	33.0	24010	52320	1	3	0.0	32.0	0.9
data5-10-49-11146.txt	10	5	49	32	1.4	32	32.0	24010	52339	0	0	0.0	31.5	0.9
data5-10-49-11147.txt	10	5	49	26	1.0	26	26.0	24010	51752	0	0	0.0	26.0	0.6
data5-10-49-11148.txt	10	5	49	32	1.6	32	32.0	24010	52724	0	0	0.0	31.5	1.2
data5-10-49-11149.txt	10	5	49	31	1.6	31	31.0	24010	52669	0	0	0.0	30.2	1.1
data5-10-49-11150.txt	10	5	49	37	3.8	37	37.0	24010	52386	1	0	0.0	34.5	1.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data5-10-49-11151.txt	10	5	49	33	99.9	33	33.0	24010	52860	1311	2	0.0	28.1	1.5
data5-10-49-11152.txt	10	5	49	25	0.8	25	25.0	24010	52013	0	1	0.0	23.0	0.6
data5-10-49-11153.txt	10	5	49	35	2.7	35	35.0	24010	52322	1	3	0.0	34.0	1.0
data5-10-49-11154.txt	10	5	49	40	22.4	40	40.0	24010	52766	1248	10	0.0	37.5	1.2
data5-10-49-11155.txt	10	5	49	32	15.7	32	32.0	24010	52531	1259	4	0.0	29.2	0.9
data5-10-49-11156.txt	10	5	49	41	2.1	41	41.0	24010	52732	0	0	0.0	41.0	1.6
data5-10-49-11157.txt	10	5	49	33	1.7	33	33.0	24010	51953	14	3	0.0	31.1	0.6
data5-10-49-11158.txt	10	5	49	42	2.9	42	42.0	24010	52456	1	42	0.0	39.0	1.1
data5-10-49-11159.txt	10	5	49	30	1.0	30	30.0	24010	52430	0	0	0.0	30.0	0.8
data5-10-49-11160.txt	10	5	49	30	2.3	30	30.0	24010	52120	1	0	0.0	27.9	0.9
data5-10-49-11161.txt	10	5	49	36	2.4	36	36.0	24010	52810	0	0	0.0	34.5	1.5
data5-10-49-11162.txt	10	5	49	32	1.1	32	32.0	24010	52172	0	1	0.0	31.0	0.7
data5-10-49-11163.txt	10	5	49	37	10.7	37	37.0	24010	52755	199	11	0.0	34.0	1.6
data5-10-49-11164.txt	10	5	49	35	2.6	35	35.0	24010	52364	1	23	0.0	33.0	1.1
data5-10-49-11165.txt	10	5	49	27	2.1	27	27.0	24010	52805	1	0	0.0	24.5	0.7
data5-10-49-11166.txt	10	5	49	31	1.2	31	31.0	24010	52250	0	0	0.0	31.0	0.8
data5-10-49-11167.txt	10	5	49	35	2.4	35	35.0	24010	52052	1	6	0.0	31.5	0.8
data5-10-49-11168.txt	10	5	49	30	1.6	30	30.0	24010	52319	0	0	0.0	29.0	1.0
data5-10-49-11169.txt	10	5	49	29	2.2	29	29.0	24010	52308	1	0	0.0	27.0	0.6
data5-10-49-11170.txt	10	5	49	28	1.0	28	28.0	24010	52089	0	0	0.0	27.5	0.6
data5-10-49-11171.txt	10	5	49	28	1.2	28	28.0	24010	52080	0	0	0.0	27.0	0.8
data5-10-49-11172.txt	10	5	49	30	1.1	30	30.0	24010	52464	0	0	0.0	30.0	0.8
data5-10-49-11173.txt	10	5	49	36	1.9	36	36.0	24010	52298	0	0	0.0	35.5	1.3
data5-10-49-11174.txt	10	5	49	40	1.8	40	40.0	24010	52942	0	0	0.0	40.0	1.3
data5-10-49-11175.txt	10	5	49	39	2.7	39	39.0	24010	52569	1	45	0.0	37.0	1.3
data5-10-49-11176.txt	10	5	49	29	1.3	29	29.0	24010	52467	0	0	0.0	28.2	0.7
data5-10-49-11177.txt	10	5	49	41	189.4	41	41.0	24010	52779	10891	119	0.0	37.0	1.2
data5-10-49-11178.txt	10	5	49	34	1.7	34	34.0	24010	52310	0	0	0.0	34.0	1.0
data5-10-49-11179.txt	10	5	49	35	4.4	35	35.0	24010	53040	1	0	0.0	32.0	1.8
data5-10-49-11180.txt	10	5	49	31	1.1	31	31.0	24010	52181	0	0	0.0	31.0	0.7
data5-10-49-11181.txt	10	5	49	38	2.9	38	38.0	24010	52649	1	1	0.0	35.0	1.1
data5-10-49-11182.txt	10	5	49	38	1.9	38	38.0	24010	52478	1	9	0.0	36.0	0.8
data5-10-49-11183.txt	10	5	49	34	3.1	34	34.0	24010	53009	0	0	0.0	32.5	1.8
data5-10-49-11184.txt	10	5	49	34	1.7	34	34.0	24010	52073	1	4	0.0	32.0	0.8
data5-10-49-11185.txt	10	5	49	33	5.6	33	33.0	24010	52046	922	95	0.0	30.0	0.7
data5-10-49-11186.txt	10	5	49	26	1.0	26	26.0	24010	52233	0	0	0.0	26.0	0.8
data5-10-49-11187.txt	10	5	49	41	63.8	41	41.0	24010	52244	710	3	0.0	37.0	1.6
data5-10-49-11188.txt	10	5	49	35	7.5	35	35.0	24010	52821	165	0	0.0	31.8	1.3
data5-10-49-11189.txt	10	5	49	34	1.4	34	34.0	24010	52581	0	0	0.0	33.5	1.1
data5-10-49-11190.txt	10	5	49	35	1.4	35	35.0	24010	52475	0	0	0.0	34.6	1.0
data5-10-49-11191.txt	10	5	49	35	1.1	35	35.0	24010	52264	0	0	0.0	35.0	0.8
data5-10-49-11192.txt	10	5	49	35	3.1	35	35.0	24010	52359	1	25	0.0	31.5	0.8
data5-10-49-11193.txt	10	5	49	23	1.0	23	23.0	24010	52138	0	0	0.0	23.0	0.7
data5-10-49-11194.txt	10	5	49	41	6.6	41	41.0	24010	52737	66	19	0.0	37.2	1.7
data5-10-49-11195.txt	10	5	49	36	20.6	36	36.0	24010	52363	413	9	0.0	31.5	1.1
data5-10-49-11196.txt	10	5	49	31	2.1	31	31.0	24010	52196	1	1	0.0	28.0	0.8
data5-10-49-11197.txt	10	5	49	36	1.8	36	36.0	24010	52509	0	0	0.0	36.0	1.3
data5-10-49-11198.txt	10	5	49	35	1.8	35	35.0	24010	52416	0	1	0.0	34.0	1.1
data5-10-49-11199.txt	10	5	49	36	3.3	36	36.0	24010	52528	1	8	0.0	34.0	1.7
data5-10-49-11200.txt	10	5	49	34	55.3	34	34.0	24010	52359	2338	44	0.0	31.0	1.3
data6-6-30-01201.txt	6	6	30	20	0.2	20	20.0	5400	11895	0	0	0.0	19.0	0.1
data6-6-30-01202.txt	6	6	30	23	0.2	23	23.0	5400	12083	0	0	0.0	23.0	0.1
data6-6-30-01203.txt	6	6	30	20	0.2	20	20.0	5400	11952	0	0	0.0	19.0	0.1
data6-6-30-01204.txt	6	6	30	24	0.4	24	24.0	5400	12139	1	9	0.0	23.0	0.2
data6-6-30-01205.txt	6	6	30	25	0.3	25	25.0	5400	12125	0	0	0.0	24.2	0.2
data6-6-30-01206.txt	6	6	30	25	0.3	25	25.0	5400	12016	0	0	0.0	24.0	0.2
data6-6-30-01207.txt	6	6	30	19	0.2	19	19.0	5400	12085	0	0	0.0	19.0	0.2
data6-6-30-01208.txt	6	6	30	21	0.2	21	21.0	5400	11858	0	0	0.0	21.0	0.1
data6-6-30-01209.txt	6	6	30	24	0.5	24	24.0	5400	12005	1	9	0.0	21.8	0.2
data6-6-30-01210.txt	6	6	30	26	0.3	26	26.0	5400	12056	0	0	0.0	24.7	0.2
data6-6-30-01211.txt	6	6	30	30	0.3	30	30.0	5400	12202	0	0	0.0	30.0	0.2
data6-6-30-01212.txt	6	6	30	27	0.3	27	27.0	5400	12062	0	0	0.0	26.0	0.2
data6-6-30-01213.txt	6	6	30	26	2.9	26	26.0	5400	12009	882	0	0.0	23.2	0.2
data6-6-30-01214.txt	6	6	30	22	0.2	22	22.0	5400	11997	0	0	0.0	22.0	0.1
data6-6-30-01215.txt	6	6	30	25	0.3	25	25.0	5400	12146	0	3	0.0	24.0	0.2
data6-6-30-01216.txt	6	6	30	19	0.2	19	19.0	5400	12007	0	0	0.0	19.0	0.1
data6-6-30-01217.txt	6	6	30	29	2.0	29	29.0	5400	12132	19	0	0.0	25.7	0.2
data6-6-30-01218.txt	6	6	30	19	0.2	19	19.0	5400	11991	0	0	0.0	19.0	0.1
data6-6-30-01219.txt	6	6	30	23	0.3	23	23.0	5400	12105	0	0	0.0	21.5	0.2
data6-6-30-01220.txt	6	6	30	25	0.4	25	25.0	5400	12057	0	0	0.0	24.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-30-01221.txt	6	6	30	21	0.3	21	21.0	5400	11897	1	7	0.0	19.5	0.1
data6-6-30-01222.txt	6	6	30	23	0.6	23	23.0	5400	12073	1	12	0.0	21.0	0.2
data6-6-30-01223.txt	6	6	30	21	0.2	21	21.0	5400	12010	0	0	0.0	20.5	0.2
data6-6-30-01224.txt	6	6	30	19	0.2	19	19.0	5400	11945	0	0	0.0	19.0	0.2
data6-6-30-01225.txt	6	6	30	14	0.2	14	14.0	5400	11925	0	0	0.0	13.2	0.1
data6-6-30-01226.txt	6	6	30	22	0.3	22	22.0	5400	12131	0	0	0.0	22.0	0.2
data6-6-30-01227.txt	6	6	30	19	0.4	19	19.0	5400	12058	0	0	0.0	17.5	0.2
data6-6-30-01228.txt	6	6	30	28	8.1	29	28.0	5400	12193	1107	107	0.0	25.5	0.5
data6-6-30-01229.txt	6	6	30	22	0.4	22	22.0	5400	12090	0	1	0.0	20.5	0.2
data6-6-30-01230.txt	6	6	30	18	0.2	18	18.0	5400	12036	0	0	0.0	17.0	0.1
data6-6-30-01231.txt	6	6	30	24	0.6	24	24.0	5400	12057	58	89	0.0	23.0	0.2
data6-6-30-01232.txt	6	6	30	29	2.2	29	29.0	5400	12149	291	17	0.0	26.0	0.3
data6-6-30-01233.txt	6	6	30	24	0.3	24	24.0	5400	11991	1	2	0.0	23.0	0.2
data6-6-30-01234.txt	6	6	30	22	0.2	22	22.0	5400	11972	0	0	0.0	22.0	0.1
data6-6-30-01235.txt	6	6	30	22	0.3	22	22.0	5400	12204	0	0	0.0	21.5	0.2
data6-6-30-01236.txt	6	6	30	22	0.2	22	22.0	5400	12004	0	0	0.0	22.0	0.2
data6-6-30-01237.txt	6	6	30	24	0.4	24	24.0	5400	12015	1	0	0.0	22.0	0.2
data6-6-30-01238.txt	6	6	30	26	4.6	26	26.0	5400	12128	1247	0	0.0	24.0	0.4
data6-6-30-01239.txt	6	6	30	23	0.4	23	23.0	5400	12114	0	0	0.0	21.5	0.3
data6-6-30-01240.txt	6	6	30	20	0.2	20	20.0	5400	12017	0	0	0.0	20.0	0.1
data6-6-30-01241.txt	6	6	30	13	0.2	13	13.0	5400	11909	0	0	0.0	13.0	0.1
data6-6-30-01242.txt	6	6	30	27	0.4	27	27.0	5400	12049	0	0	0.0	26.0	0.2
data6-6-30-01243.txt	6	6	30	27	0.6	27	27.0	5400	12032	6	39	0.0	25.5	0.2
data6-6-30-01244.txt	6	6	30	27	1.2	27	27.0	5400	12083	1	39	0.0	24.5	0.2
data6-6-30-01245.txt	6	6	30	26	0.3	26	26.0	5400	12132	0	0	0.0	25.0	0.2
data6-6-30-01246.txt	6	6	30	24	0.6	24	24.0	5400	12054	1	0	0.0	22.3	0.2
data6-6-30-01247.txt	6	6	30	20	0.2	20	20.0	5400	11985	0	0	0.0	20.0	0.1
data6-6-30-01248.txt	6	6	30	26	0.6	26	26.0	5400	11974	1	0	0.0	24.5	0.2
data6-6-30-01249.txt	6	6	30	19	0.3	19	19.0	5400	12108	0	0	0.0	17.5	0.2
data6-6-30-01250.txt	6	6	30	22	0.2	22	22.0	5400	12024	0	0	0.0	21.5	0.1
data6-6-30-01251.txt	6	6	30	25	0.4	25	25.0	5400	12268	0	0	0.0	24.0	0.2
data6-6-30-01252.txt	6	6	30	25	0.6	25	25.0	5400	12182	1	5	0.0	23.0	0.2
data6-6-30-01253.txt	6	6	30	31	0.3	31	31.0	5400	12104	0	0	0.0	31.0	0.3
data6-6-30-01254.txt	6	6	30	25	0.4	25	25.0	5400	12137	0	0	0.0	23.7	0.2
data6-6-30-01255.txt	6	6	30	20	0.2	20	20.0	5400	12002	0	0	0.0	20.0	0.1
data6-6-30-01256.txt	6	6	30	20	0.2	20	20.0	5400	11916	0	0	0.0	20.0	0.1
data6-6-30-01257.txt	6	6	30	25	0.3	25	25.0	5400	12004	1	11	0.0	23.5	0.2
data6-6-30-01258.txt	6	6	30	28	0.4	28	28.0	5400	12114	0	0	0.0	27.0	0.3
data6-6-30-01259.txt	6	6	30	18	0.2	18	18.0	5400	11905	0	0	0.0	17.0	0.1
data6-6-30-01260.txt	6	6	30	21	0.2	21	21.0	5400	11981	0	0	0.0	20.3	0.1
data6-6-30-01261.txt	6	6	30	22	0.2	22	22.0	5400	12036	0	0	0.0	22.0	0.2
data6-6-30-01262.txt	6	6	30	23	0.3	23	23.0	5400	12107	0	0	0.0	22.5	0.2
data6-6-30-01263.txt	6	6	30	25	0.5	25	25.0	5400	12114	1	2	0.0	23.0	0.2
data6-6-30-01264.txt	6	6	30	18	0.2	18	18.0	5400	11965	0	0	0.0	18.0	0.1
data6-6-30-01265.txt	6	6	30	22	0.4	22	22.0	5400	12153	0	0	0.0	21.0	0.3
data6-6-30-01266.txt	6	6	30	28	0.8	28	28.0	5400	12076	1	5	0.0	25.3	0.2
data6-6-30-01267.txt	6	6	30	20	0.2	20	20.0	5400	12022	0	0	0.0	20.0	0.1
data6-6-30-01268.txt	6	6	30	20	0.2	20	20.0	5400	12065	0	0	0.0	19.0	0.1
data6-6-30-01269.txt	6	6	30	28	1.1	28	28.0	5400	12113	1	13	0.0	26.0	0.2
data6-6-30-01270.txt	6	6	30	22	0.2	22	22.0	5400	12018	0	0	0.0	22.0	0.2
data6-6-30-01271.txt	6	6	30	25	0.2	25	25.0	5400	12035	0	0	0.0	25.0	0.1
data6-6-30-01272.txt	6	6	30	23	0.3	23	23.0	5400	11929	0	0	0.0	23.0	0.2
data6-6-30-01273.txt	6	6	30	25	0.3	25	25.0	5400	12008	0	0	0.0	25.0	0.2
data6-6-30-01274.txt	6	6	30	26	0.3	26	26.0	5400	12040	0	0	0.0	25.5	0.2
data6-6-30-01275.txt	6	6	30	21	0.2	21	21.0	5400	11987	0	6	0.0	20.0	0.2
data6-6-30-01276.txt	6	6	30	22	0.5	22	22.0	5400	12146	1	2	0.0	20.0	0.2
data6-6-30-01277.txt	6	6	30	23	0.3	23	23.0	5400	12040	0	3	0.0	22.0	0.2
data6-6-30-01278.txt	6	6	30	25	2.2	25	25.0	5400	12114	505	74	0.0	22.0	0.2
data6-6-30-01279.txt	6	6	30	19	0.2	19	19.0	5400	12017	0	0	0.0	18.3	0.2
data6-6-30-01280.txt	6	6	30	25	0.4	25	25.0	5400	12106	1	14	0.0	23.2	0.2
data6-6-30-01281.txt	6	6	30	26	0.4	26	26.0	5400	12160	0	3	0.0	25.0	0.2
data6-6-30-01282.txt	6	6	30	23	0.3	23	23.0	5400	12079	0	0	0.0	22.2	0.2
data6-6-30-01283.txt	6	6	30	21	0.3	21	21.0	5400	12018	0	5	0.0	19.7	0.2
data6-6-30-01284.txt	6	6	30	25	0.4	25	25.0	5400	12071	1	2	0.0	23.0	0.2
data6-6-30-01285.txt	6	6	30	23	3.6	23	23.0	5400	12075	1416	15	0.0	19.5	0.2
data6-6-30-01286.txt	6	6	30	14	0.1	14	14.0	5400	11884	0	0	0.0	14.0	0.1
data6-6-30-01287.txt	6	6	30	26	0.2	26	26.0	5400	12110	0	0	0.0	25.0	0.2
data6-6-30-01288.txt	6	6	30	19	0.2	19	19.0	5400	11889	0	6	0.0	17.5	0.1
data6-6-30-01289.txt	6	6	30	21	0.2	21	21.0	5400	11993	0	0	0.0	21.0	0.1
data6-6-30-01290.txt	6	6	30	18	0.2	18	18.0	5400	11917	0	0	0.0	18.0	0.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-30-01291.txt	6	6	30	19	0.2	19	19.0	5400	11877	0	0	0.0	18.0	0.1
data6-6-30-01292.txt	6	6	30	30	0.5	30	30.0	5400	12126	0	1	0.0	29.0	0.3
data6-6-30-01293.txt	6	6	30	24	2.0	24	24.0	5400	12156	589	64	0.0	21.5	0.3
data6-6-30-01294.txt	6	6	30	27	0.4	27	27.0	5400	12134	0	0	0.0	26.0	0.2
data6-6-30-01295.txt	6	6	30	19	0.2	19	19.0	5400	12095	0	0	0.0	18.5	0.2
data6-6-30-01296.txt	6	6	30	26	0.6	26	26.0	5400	12150	1	13	0.0	23.5	0.4
data6-6-30-01297.txt	6	6	30	21	0.3	21	21.0	5400	11991	0	0	0.0	19.5	0.1
data6-6-30-01298.txt	6	6	30	21	0.2	21	21.0	5400	12068	0	0	0.0	21.0	0.2
data6-6-30-01299.txt	6	6	30	21	0.2	21	21.0	5400	12070	0	0	0.0	20.0	0.2
data6-6-30-01300.txt	6	6	30	25	0.7	25	25.0	5400	12204	1	0	0.0	22.0	0.3
data6-6-31-01301.txt	6	6	31	21	0.2	21	21.0	5766	12866	0	4	0.0	20.0	0.1
data6-6-31-01302.txt	6	6	31	20	0.3	20	20.0	5766	12737	0	0	0.0	20.0	0.2
data6-6-31-01303.txt	6	6	31	23	0.2	23	23.0	5766	12793	0	2	0.0	22.0	0.2
data6-6-31-01304.txt	6	6	31	18	0.3	18	18.0	5766	12737	0	0	0.0	18.0	0.2
data6-6-31-01305.txt	6	6	31	21	0.4	21	21.0	5766	12711	0	0	0.0	20.0	0.3
data6-6-31-01306.txt	6	6	31	30	1.0	30	30.0	5766	12901	1	0	0.0	27.0	0.3
data6-6-31-01307.txt	6	6	31	25	0.5	25	25.0	5766	12876	1	15	0.0	22.2	0.2
data6-6-31-01308.txt	6	6	31	28	0.5	28	28.0	5766	12732	1	27	0.0	27.0	0.2
data6-6-31-01309.txt	6	6	31	35	0.9	35	35.0	5766	13083	1	25	0.0	31.5	0.3
data6-6-31-01310.txt	6	6	31	28	0.3	28	28.0	5766	12838	0	2	0.0	27.0	0.2
data6-6-31-01311.txt	6	6	31	27	0.3	27	27.0	5766	12804	0	2	0.0	26.0	0.2
data6-6-31-01312.txt	6	6	31	26	0.8	26	26.0	5766	12977	12	0	0.0	23.0	0.2
data6-6-31-01313.txt	6	6	31	27	1.2	27	27.0	5766	12849	1	5	0.0	25.0	0.2
data6-6-31-01314.txt	6	6	31	33	2.4	33	33.0	5766	12958	184	43	0.0	29.0	0.4
data6-6-31-01315.txt	6	6	31	28	0.7	28	28.0	5766	12988	1	5	0.0	26.2	0.3
data6-6-31-01316.txt	6	6	31	29	1.5	29	29.0	5766	12965	1	16	0.0	27.0	0.3
data6-6-31-01317.txt	6	6	31	25	0.4	25	25.0	5766	12794	1	0	0.0	23.0	0.3
data6-6-31-01318.txt	6	6	31	25	0.3	25	25.0	5766	12881	0	2	0.0	23.2	0.2
data6-6-31-01319.txt	6	6	31	24	0.3	24	24.0	5766	12874	0	0	0.0	24.0	0.2
data6-6-31-01320.txt	6	6	31	20	0.2	20	20.0	5766	12859	0	0	0.0	19.5	0.2
data6-6-31-01321.txt	6	6	31	32	1.1	32	32.0	5766	12919	4	22	0.0	30.5	0.5
data6-6-31-01322.txt	6	6	31	30	6.3	30	30.0	5766	12870	890	35	0.0	25.8	0.4
data6-6-31-01323.txt	6	6	31	20	0.2	20	20.0	5766	12926	0	0	0.0	20.0	0.2
data6-6-31-01324.txt	6	6	31	26	0.2	26	26.0	5766	12794	0	2	0.0	24.0	0.1
data6-6-31-01325.txt	6	6	31	31	1.2	31	31.0	5766	13076	1	3	0.0	28.5	0.4
data6-6-31-01326.txt	6	6	31	18	0.2	18	18.0	5766	12773	0	0	0.0	18.0	0.1
data6-6-31-01327.txt	6	6	31	19	0.2	19	19.0	5766	12793	0	0	0.0	19.0	0.1
data6-6-31-01328.txt	6	6	31	27	0.3	27	27.0	5766	12874	0	0	0.0	27.0	0.2
data6-6-31-01329.txt	6	6	31	17	0.2	17	17.0	5766	12755	0	1	0.0	16.0	0.1
data6-6-31-01330.txt	6	6	31	27	0.8	27	27.0	5766	13023	15	28	0.0	25.0	0.3
data6-6-31-01331.txt	6	6	31	22	0.2	22	22.0	5766	12863	0	0	0.0	22.0	0.2
data6-6-31-01332.txt	6	6	31	29	3.2	29	29.0	5766	13001	86	29	0.0	27.0	0.3
data6-6-31-01333.txt	6	6	31	19	0.3	19	19.0	5766	12706	1	0	0.0	17.0	0.1
data6-6-31-01334.txt	6	6	31	25	0.3	25	25.0	5766	12984	0	0	0.0	25.0	0.2
data6-6-31-01335.txt	6	6	31	30	0.4	30	30.0	5766	12846	1	10	0.0	28.0	0.2
data6-6-31-01336.txt	6	6	31	27	0.3	27	27.0	5766	12891	0	2	0.0	26.0	0.2
data6-6-31-01337.txt	6	6	31	21	0.2	21	21.0	5766	12887	0	0	0.0	21.0	0.2
data6-6-31-01338.txt	6	6	31	18	0.2	18	18.0	5766	12731	0	0	0.0	17.5	0.1
data6-6-31-01339.txt	6	6	31	27	0.5	27	27.0	5766	12794	1	0	0.0	24.0	0.2
data6-6-31-01340.txt	6	6	31	20	0.3	20	20.0	5766	12856	0	0	0.0	19.5	0.2
data6-6-31-01341.txt	6	6	31	22	0.3	22	22.0	5766	12789	0	3	0.0	21.0	0.2
data6-6-31-01342.txt	6	6	31	22	0.3	22	22.0	5766	12845	1	2	0.0	20.0	0.2
data6-6-31-01343.txt	6	6	31	24	0.4	24	24.0	5766	12818	1	10	0.0	23.0	0.2
data6-6-31-01344.txt	6	6	31	27	0.2	27	27.0	5766	12889	0	0	0.0	27.0	0.2
data6-6-31-01345.txt	6	6	31	22	0.3	22	22.0	5766	12901	0	0	0.0	20.5	0.2
data6-6-31-01346.txt	6	6	31	27	0.6	27	27.0	5766	12925	1	3	0.0	25.5	0.2
data6-6-31-01347.txt	6	6	31	29	2.6	29	29.0	5766	12892	223	27	0.0	25.5	0.3
data6-6-31-01348.txt	6	6	31	22	0.2	22	22.0	5766	12796	0	2	0.0	21.0	0.1
data6-6-31-01349.txt	6	6	31	23	0.3	23	23.0	5766	12961	0	0	0.0	22.5	0.2
data6-6-31-01350.txt	6	6	31	27	0.5	27	27.0	5766	12903	0	0	0.0	25.5	0.2
data6-6-31-01351.txt	6	6	31	28	0.6	28	28.0	5766	12883	1	0	0.0	24.3	0.2
data6-6-31-01352.txt	6	6	31	24	0.3	24	24.0	5766	12856	0	0	0.0	24.0	0.2
data6-6-31-01353.txt	6	6	31	28	2.7	28	28.0	5766	12903	448	32	0.0	25.0	0.5
data6-6-31-01354.txt	6	6	31	19	0.2	19	19.0	5766	12848	0	0	0.0	19.0	0.2
data6-6-31-01355.txt	6	6	31	25	0.3	25	25.0	5766	12870	0	0	0.0	25.0	0.2
data6-6-31-01356.txt	6	6	31	22	0.2	22	22.0	5766	12852	0	0	0.0	21.5	0.2
data6-6-31-01357.txt	6	6	31	31	1.0	31	31.0	5766	12906	1	2	0.0	29.0	0.3
data6-6-31-01358.txt	6	6	31	22	0.2	22	22.0	5766	12808	0	0	0.0	21.8	0.2
data6-6-31-01359.txt	6	6	31	17	0.3	17	17.0	5766	12788	0	0	0.0	16.0	0.2
data6-6-31-01360.txt	6	6	31	25	0.4	25	25.0	5766	12897	0	0	0.0	25.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-31-01361.txt	6	6	31	27	0.8	27	27.0	5766	12949	1	6	0.0	24.0	0.2
data6-6-31-01362.txt	6	6	31	20	0.2	20	20.0	5766	12861	0	0	0.0	19.0	0.1
data6-6-31-01363.txt	6	6	31	27	1.3	27	27.0	5766	13022	1	0	0.0	23.0	0.3
data6-6-31-01364.txt	6	6	31	24	0.3	24	24.0	5766	12848	0	1	0.0	23.0	0.2
data6-6-31-01365.txt	6	6	31	24	0.6	24	24.0	5766	12889	1	1	0.0	21.5	0.2
data6-6-31-01366.txt	6	6	31	20	0.2	20	20.0	5766	12737	0	0	0.0	19.3	0.2
data6-6-31-01367.txt	6	6	31	19	0.2	19	19.0	5766	12766	0	0	0.0	19.0	0.2
data6-6-31-01368.txt	6	6	31	21	0.3	21	21.0	5766	12929	0	0	0.0	20.5	0.2
data6-6-31-01369.txt	6	6	31	28	0.4	28	28.0	5766	12801	0	0	0.0	27.0	0.2
data6-6-31-01370.txt	6	6	31	24	0.4	24	24.0	5766	12934	1	9	0.0	23.0	0.2
data6-6-31-01371.txt	6	6	31	20	0.3	20	20.0	5766	12832	1	7	0.0	19.0	0.2
data6-6-31-01372.txt	6	6	31	22	0.4	22	22.0	5766	12879	1	5	0.0	20.7	0.2
data6-6-31-01373.txt	6	6	31	27	0.3	27	27.0	5766	12834	0	5	0.0	26.0	0.2
data6-6-31-01374.txt	6	6	31	31	0.7	31	31.0	5766	12926	1	28	0.0	27.5	0.2
data6-6-31-01375.txt	6	6	31	23	0.2	23	23.0	5766	12821	0	0	0.0	23.0	0.2
data6-6-31-01376.txt	6	6	31	25	0.3	25	25.0	5766	12872	0	0	0.0	25.0	0.2
data6-6-31-01377.txt	6	6	31	34	1.2	34	34.0	5766	12997	1	5	0.0	30.0	0.4
data6-6-31-01378.txt	6	6	31	24	0.3	24	24.0	5766	12870	0	5	0.0	23.0	0.2
data6-6-31-01379.txt	6	6	31	25	0.6	25	25.0	5766	12855	1	20	0.0	23.0	0.3
data6-6-31-01380.txt	6	6	31	24	0.7	24	24.0	5766	12928	0	0	0.0	22.5	0.3
data6-6-31-01381.txt	6	6	31	30	0.7	30	30.0	5766	12939	1	24	0.0	28.1	0.3
data6-6-31-01382.txt	6	6	31	20	0.2	20	20.0	5766	12763	0	0	0.0	20.0	0.1
data6-6-31-01383.txt	6	6	31	27	0.8	27	27.0	5766	12928	1	11	0.0	25.0	0.2
data6-6-31-01384.txt	6	6	31	25	0.3	25	25.0	5766	12848	0	0	0.0	25.0	0.2
data6-6-31-01385.txt	6	6	31	32	2.5	32	32.0	5766	12923	39	2	0.0	27.7	0.4
data6-6-31-01386.txt	6	6	31	24	0.3	24	24.0	5766	12818	0	0	0.0	24.0	0.2
data6-6-31-01387.txt	6	6	31	22	0.3	22	22.0	5766	12771	1	6	0.0	20.0	0.2
data6-6-31-01388.txt	6	6	31	27	1.0	27	27.0	5766	12971	1	2	0.0	24.5	0.4
data6-6-31-01389.txt	6	6	31	29	0.6	29	29.0	5766	12868	0	0	0.0	28.5	0.5
data6-6-31-01390.txt	6	6	31	20	0.2	20	20.0	5766	12823	0	0	0.0	19.5	0.2
data6-6-31-01391.txt	6	6	31	32	2.9	32	32.0	5766	13041	603	128	0.0	26.5	0.3
data6-6-31-01392.txt	6	6	31	25	0.3	25	25.0	5766	12778	0	0	0.0	24.7	0.2
data6-6-31-01393.txt	6	6	31	24	0.3	24	24.0	5766	12851	0	0	0.0	23.5	0.2
data6-6-31-01394.txt	6	6	31	25	0.4	25	25.0	5766	12928	0	1	0.0	24.0	0.3
data6-6-31-01395.txt	6	6	31	19	0.3	19	19.0	5766	12877	0	0	0.0	18.0	0.2
data6-6-31-01396.txt	6	6	31	27	0.3	27	27.0	5766	13064	0	0	0.0	25.5	0.2
data6-6-31-01397.txt	6	6	31	26	1.5	26	26.0	5766	13004	132	33	0.0	22.1	0.2
data6-6-31-01398.txt	6	6	31	27	0.3	27	27.0	5766	12886	0	0	0.0	26.2	0.2
data6-6-31-01399.txt	6	6	31	23	0.2	23	23.0	5766	12734	0	0	0.0	21.5	0.1
data6-6-31-01400.txt	6	6	31	19	0.2	19	19.0	5766	12932	0	0	0.0	19.0	0.2
data6-6-32-01401.txt	6	6	32	26	0.2	26	26.0	6144	13694	0	0	0.0	26.0	0.2
data6-6-32-01402.txt	6	6	32	31	3.5	31	31.0	6144	13927	112	0	0.0	29.0	0.5
data6-6-32-01403.txt	6	6	32	27	0.4	27	27.0	6144	13786	1	11	0.0	26.0	0.2
data6-6-32-01404.txt	6	6	32	27	0.4	27	27.0	6144	13712	0	0	0.0	26.5	0.3
data6-6-32-01405.txt	6	6	32	33	0.9	33	33.0	6144	13869	1	1	0.0	30.5	0.3
data6-6-32-01406.txt	6	6	32	24	0.3	24	24.0	6144	13562	1	9	0.0	22.0	0.2
data6-6-32-01407.txt	6	6	32	31	0.4	31	31.0	6144	13533	0	0	0.0	31.0	0.2
data6-6-32-01408.txt	6	6	32	25	0.4	25	25.0	6144	13824	1	6	0.0	24.0	0.3
data6-6-32-01409.txt	6	6	32	29	4.5	29	29.0	6144	13911	503	47	0.0	24.7	0.3
data6-6-32-01410.txt	6	6	32	28	1.5	28	28.0	6144	13767	26	52	0.0	24.0	0.3
data6-6-32-01411.txt	6	6	32	21	0.2	21	21.0	6144	13683	0	0	0.0	20.5	0.2
data6-6-32-01412.txt	6	6	32	27	0.3	27	27.0	6144	13707	0	0	0.0	26.5	0.2
data6-6-32-01413.txt	6	6	32	28	0.6	28	28.0	6144	13631	1	13	0.0	26.0	0.2
data6-6-32-01414.txt	6	6	32	25	0.3	25	25.0	6144	13654	0	0	0.0	25.0	0.2
data6-6-32-01415.txt	6	6	32	24	0.3	24	24.0	6144	13732	0	0	0.0	24.0	0.2
data6-6-32-01416.txt	6	6	32	24	7.4	24	24.0	6144	13671	2240	21	0.0	20.5	0.3
data6-6-32-01417.txt	6	6	32	29	0.6	29	29.0	6144	13810	0	0	0.0	28.5	0.5
data6-6-32-01418.txt	6	6	32	23	0.2	23	23.0	6144	13654	0	0	0.0	22.5	0.2
data6-6-32-01419.txt	6	6	32	32	1.0	32	32.0	6144	13824	39	11	0.0	27.5	0.3
data6-6-32-01420.txt	6	6	32	27	0.4	27	27.0	6144	13736	0	0	0.0	26.0	0.2
data6-6-32-01421.txt	6	6	32	33	3.9	33	33.0	6144	13943	586	194	0.0	27.6	0.3
data6-6-32-01422.txt	6	6	32	29	0.7	29	29.0	6144	13764	1	10	0.0	26.0	0.2
data6-6-32-01423.txt	6	6	32	23	0.3	23	23.0	6144	13662	22	33	0.0	22.0	0.2
data6-6-32-01424.txt	6	6	32	32	3.8	32	32.0	6144	13829	222	25	0.0	28.0	0.4
data6-6-32-01425.txt	6	6	32	21	0.6	21	21.0	6144	13699	1	0	0.0	19.0	0.4
data6-6-32-01426.txt	6	6	32	29	1.1	29	29.0	6144	13684	1	9	0.0	26.0	0.2
data6-6-32-01427.txt	6	6	32	22	0.3	22	22.0	6144	13531	0	0	0.0	22.0	0.2
data6-6-32-01428.txt	6	6	32	24	0.3	24	24.0	6144	13691	0	0	0.0	23.0	0.2
data6-6-32-01429.txt	6	6	32	30	0.3	30	30.0	6144	13775	0	1	0.0	29.0	0.2
data6-6-32-01430.txt	6	6	32	26	1.9	26	26.0	6144	13754	332	16	0.0	23.1	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-32-01431.txt	6	6	32	31	0.9	31	31.0	6144	13782	1	0	0.0	28.0	0.2
data6-6-32-01432.txt	6	6	32	29	1.4	29	29.0	6144	13726	1	0	0.0	25.5	0.3
data6-6-32-01433.txt	6	6	32	24	0.2	24	24.0	6144	13731	0	0	0.0	24.0	0.2
data6-6-32-01434.txt	6	6	32	31	1.8	31	31.0	6144	13689	749	60	0.0	26.0	0.2
data6-6-32-01435.txt	6	6	32	29	0.9	29	29.0	6144	13789	1	0	0.0	26.7	0.3
data6-6-32-01436.txt	6	6	32	25	0.2	25	25.0	6144	13524	0	0	0.0	25.0	0.2
data6-6-32-01437.txt	6	6	32	28	0.5	28	28.0	6144	13662	1	7	0.0	25.8	0.2
data6-6-32-01438.txt	6	6	32	23	0.5	23	23.0	6144	13546	1	13	0.0	21.5	0.3
data6-6-32-01439.txt	6	6	32	32	0.9	32	32.0	6144	13852	1	1	0.0	28.5	0.3
data6-6-32-01440.txt	6	6	32	30	0.9	30	30.0	6144	13809	1	1	0.0	29.0	0.3
data6-6-32-01441.txt	6	6	32	23	0.2	23	23.0	6144	13691	0	0	0.0	23.0	0.2
data6-6-32-01442.txt	6	6	32	21	0.2	21	21.0	6144	13709	0	4	0.0	20.0	0.2
data6-6-32-01443.txt	6	6	32	29	0.7	29	29.0	6144	13681	1	10	0.0	28.0	0.3
data6-6-32-01444.txt	6	6	32	22	0.3	22	22.0	6144	13575	1	4	0.0	21.0	0.2
data6-6-32-01445.txt	6	6	32	21	0.2	21	21.0	6144	13493	0	0	0.0	21.0	0.1
data6-6-32-01446.txt	6	6	32	28	0.3	28	28.0	6144	13605	0	0	0.0	28.0	0.2
data6-6-32-01447.txt	6	6	32	25	0.3	25	25.0	6144	13668	0	0	0.0	25.0	0.2
data6-6-32-01448.txt	6	6	32	22	0.4	22	22.0	6144	13703	1	0	0.0	20.0	0.2
data6-6-32-01449.txt	6	6	32	26	1.1	26	26.0	6144	13758	30	39	0.0	24.0	0.3
data6-6-32-01450.txt	6	6	32	20	0.2	20	20.0	6144	13522	0	0	0.0	20.0	0.1
data6-6-32-01451.txt	6	6	32	25	0.9	25	25.0	6144	13721	19	22	0.0	23.0	0.2
data6-6-32-01452.txt	6	6	32	27	0.4	27	27.0	6144	13757	0	3	0.0	26.0	0.3
data6-6-32-01453.txt	6	6	32	30	1.9	30	30.0	6144	13731	23	27	0.0	27.0	0.4
data6-6-32-01454.txt	6	6	32	29	0.8	29	29.0	6144	13818	1	5	0.0	27.0	0.2
data6-6-32-01455.txt	6	6	32	28	0.6	28	28.0	6144	13689	1	2	0.0	26.3	0.2
data6-6-32-01456.txt	6	6	32	22	0.3	22	22.0	6144	13692	0	0	0.0	22.0	0.2
data6-6-32-01457.txt	6	6	32	30	0.7	30	30.0	6144	13678	1	17	0.0	27.5	0.3
data6-6-32-01458.txt	6	6	32	31	0.7	31	31.0	6144	13869	1	3	0.0	29.2	0.3
data6-6-32-01459.txt	6	6	32	33	11.0	33	33.0	6144	13782	1596	110	0.0	31.0	0.4
data6-6-32-01460.txt	6	6	32	24	0.4	24	24.0	6144	13510	1	7	0.0	22.2	0.2
data6-6-32-01461.txt	6	6	32	29	0.4	29	29.0	6144	13717	0	0	0.0	28.5	0.3
data6-6-32-01462.txt	6	6	32	20	0.2	20	20.0	6144	13644	0	0	0.0	20.0	0.2
data6-6-32-01463.txt	6	6	32	27	0.3	27	27.0	6144	13715	1	13	0.0	26.0	0.2
data6-6-32-01464.txt	6	6	32	30	0.4	30	30.0	6144	13744	0	0	0.0	30.0	0.2
data6-6-32-01465.txt	6	6	32	25	0.6	25	25.0	6144	13613	1	10	0.0	22.7	0.2
data6-6-32-01466.txt	6	6	32	28	0.5	28	28.0	6144	13740	1	0	0.0	25.5	0.2
data6-6-32-01467.txt	6	6	32	28	0.8	28	28.0	6144	13903	1	8	0.0	25.8	0.3
data6-6-32-01468.txt	6	6	32	23	0.3	23	23.0	6144	13637	0	1	0.0	22.0	0.2
data6-6-32-01469.txt	6	6	32	31	0.6	31	31.0	6144	13781	1	14	0.0	30.0	0.3
data6-6-32-01470.txt	6	6	32	27	0.5	27	27.0	6144	13658	1	0	0.0	25.0	0.2
data6-6-32-01471.txt	6	6	32	36	2.5	36	36.0	6144	13834	102	11	0.0	33.0	0.3
data6-6-32-01472.txt	6	6	32	24	0.4	24	24.0	6144	13719	1	3	0.0	22.5	0.2
data6-6-32-01473.txt	6	6	32	22	0.2	22	22.0	6144	13612	0	0	0.0	22.0	0.1
data6-6-32-01474.txt	6	6	32	26	22.3	26	26.0	6144	13733	2508	177	0.0	23.2	0.4
data6-6-32-01475.txt	6	6	32	36	3.4	36	36.0	6144	13793	285	55	0.0	32.2	0.4
data6-6-32-01476.txt	6	6	32	16	0.2	16	16.0	6144	13607	0	0	0.0	16.0	0.1
data6-6-32-01477.txt	6	6	32	23	0.4	23	23.0	6144	13807	0	0	0.0	21.5	0.2
data6-6-32-01478.txt	6	6	32	28	1.5	28	28.0	6144	13733	1	3	0.0	25.4	0.3
data6-6-32-01479.txt	6	6	32	26	0.4	26	26.0	6144	13761	0	0	0.0	26.0	0.2
data6-6-32-01480.txt	6	6	32	35	2.2	35	35.0	6144	13940	246	56	0.0	33.0	0.3
data6-6-32-01481.txt	6	6	32	23	0.3	23	23.0	6144	13774	0	3	0.0	22.0	0.2
data6-6-32-01482.txt	6	6	32	33	0.9	33	33.0	6144	13854	1	12	0.0	31.2	0.4
data6-6-32-01483.txt	6	6	32	18	0.2	18	18.0	6144	13670	0	0	0.0	18.0	0.2
data6-6-32-01484.txt	6	6	32	21	0.2	21	21.0	6144	13576	0	0	0.0	20.5	0.2
data6-6-32-01485.txt	6	6	32	19	0.3	19	19.0	6144	13797	0	1	0.0	18.0	0.2
data6-6-32-01486.txt	6	6	32	32	1.1	32	32.0	6144	13788	1	0	0.0	30.0	0.3
data6-6-32-01487.txt	6	6	32	21	0.3	21	21.0	6144	13502	0	0	0.0	20.5	0.2
data6-6-32-01488.txt	6	6	32	27	0.3	27	27.0	6144	13628	1	21	0.0	26.0	0.2
data6-6-32-01489.txt	6	6	32	25	0.3	25	25.0	6144	13741	0	0	0.0	24.0	0.2
data6-6-32-01490.txt	6	6	32	24	0.3	24	24.0	6144	13728	0	5	0.0	23.0	0.2
data6-6-32-01491.txt	6	6	32	28	2.6	28	28.0	6144	13692	66	36	0.0	26.0	0.3
data6-6-32-01492.txt	6	6	32	37	0.9	37	37.0	6144	13652	14	38	0.0	34.0	0.3
data6-6-32-01493.txt	6	6	32	24	0.3	24	24.0	6144	13750	0	0	0.0	23.5	0.2
data6-6-32-01494.txt	6	6	32	32	2.1	32	32.0	6144	13746	180	79	0.0	30.0	0.6
data6-6-32-01495.txt	6	6	32	29	0.7	29	29.0	6144	13753	1	11	0.0	27.0	0.2
data6-6-32-01496.txt	6	6	32	28	0.5	28	28.0	6144	13607	1	7	0.0	26.5	0.3
data6-6-32-01497.txt	6	6	32	32	0.5	32	32.0	6144	13647	0	0	0.0	31.0	0.3
data6-6-32-01498.txt	6	6	32	27	0.3	27	27.0	6144	13576	1	1	0.0	25.0	0.2
data6-6-32-01499.txt	6	6	32	24	0.2	24	24.0	6144	13664	0	0	0.0	24.0	0.2
data6-6-32-01500.txt	6	6	32	30	4.2	30	30.0	6144	13692	90	60	0.0	28.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-33-01501.txt	6	6	33	28	0.6	28	28.0	6534	14627	1	1	0.0	25.0	0.2
data6-6-33-01502.txt	6	6	33	25	1.0	25	25.0	6534	14613	71	3	0.0	20.5	0.3
data6-6-33-01503.txt	6	6	33	28	0.5	28	28.0	6534	14556	1	9	0.0	27.0	0.4
data6-6-33-01504.txt	6	6	33	35	0.4	35	35.0	6534	14611	0	0	0.0	35.0	0.3
data6-6-33-01505.txt	6	6	33	33	4.7	33	33.0	6534	14613	1052	199	0.0	28.0	0.4
data6-6-33-01506.txt	6	6	33	26	0.7	26	26.0	6534	14513	1	2	0.0	22.5	0.2
data6-6-33-01507.txt	6	6	33	34	0.7	34	34.0	6534	14616	1	29	0.0	31.0	0.3
data6-6-33-01508.txt	6	6	33	33	2.2	33	33.0	6534	14654	146	40	0.0	30.3	0.3
data6-6-33-01509.txt	6	6	33	34	1.3	34	34.0	6534	14657	26	57	0.0	31.0	0.3
data6-6-33-01510.txt	6	6	33	26	0.3	26	26.0	6534	14626	0	0	0.0	26.0	0.2
data6-6-33-01511.txt	6	6	33	28	0.3	28	28.0	6534	14565	0	0	0.0	28.0	0.2
data6-6-33-01512.txt	6	6	33	34	2.1	34	34.0	6534	14721	134	41	0.0	30.0	0.3
data6-6-33-01513.txt	6	6	33	27	0.4	27	27.0	6534	14519	0	0	0.0	27.0	0.3
data6-6-33-01514.txt	6	6	33	34	3.3	34	34.0	6534	14577	499	52	0.0	31.5	0.3
data6-6-33-01515.txt	6	6	33	32	0.9	32	32.0	6534	14631	1	7	0.0	29.2	0.3
data6-6-33-01516.txt	6	6	33	27	0.3	27	27.0	6534	14540	0	0	0.0	27.0	0.2
data6-6-33-01517.txt	6	6	33	31	0.5	31	31.0	6534	14587	1	23	0.0	30.0	0.2
data6-6-33-01518.txt	6	6	33	29	0.3	29	29.0	6534	14572	0	0	0.0	27.5	0.2
data6-6-33-01519.txt	6	6	33	25	0.3	25	25.0	6534	14570	0	1	0.0	24.0	0.2
data6-6-33-01520.txt	6	6	33	30	1.9	30	30.0	6534	14696	203	56	0.0	28.0	0.3
data6-6-33-01521.txt	6	6	33	38	7.4	38	38.0	6534	14773	842	113	0.0	32.4	0.4
data6-6-33-01522.txt	6	6	33	20	0.2	20	20.0	6534	14442	0	0	0.0	19.5	0.2
data6-6-33-01523.txt	6	6	33	30	0.4	30	30.0	6534	14617	0	0	0.0	29.5	0.2
data6-6-33-01524.txt	6	6	33	33	0.5	33	33.0	6534	14584	0	0	0.0	32.5	0.4
data6-6-33-01525.txt	6	6	33	30	0.5	30	30.0	6534	14555	0	0	0.0	29.5	0.4
data6-6-33-01526.txt	6	6	33	25	0.2	25	25.0	6534	14612	0	3	0.0	24.0	0.2
data6-6-33-01527.txt	6	6	33	26	0.3	26	26.0	6534	14618	0	0	0.0	26.0	0.2
data6-6-33-01528.txt	6	6	33	20	0.2	20	20.0	6534	14566	0	0	0.0	20.0	0.2
data6-6-33-01529.txt	6	6	33	21	0.3	21	21.0	6534	14580	0	0	0.0	21.0	0.2
data6-6-33-01530.txt	6	6	33	23	0.3	23	23.0	6534	14569	0	2	0.0	22.0	0.2
data6-6-33-01531.txt	6	6	33	25	0.2	25	25.0	6534	14456	0	0	0.0	25.0	0.1
data6-6-33-01532.txt	6	6	33	31	0.3	31	31.0	6534	14646	0	1	0.0	30.0	0.2
data6-6-33-01533.txt	6	6	33	36	0.6	36	36.0	6534	14714	1	11	0.0	32.0	0.3
data6-6-33-01534.txt	6	6	33	27	0.4	27	27.0	6534	14515	0	0	0.0	27.0	0.2
data6-6-33-01535.txt	6	6	33	29	0.9	29	29.0	6534	14592	7	5	0.0	26.5	0.2
data6-6-33-01536.txt	6	6	33	32	0.5	32	32.0	6534	14680	1	18	0.0	31.0	0.3
data6-6-33-01537.txt	6	6	33	28	0.4	28	28.0	6534	14497	0	0	0.0	28.0	0.3
data6-6-33-01538.txt	6	6	33	23	0.2	23	23.0	6534	14521	0	0	0.0	23.0	0.2
data6-6-33-01539.txt	6	6	33	30	0.5	30	30.0	6534	14699	0	4	0.0	29.0	0.3
data6-6-33-01540.txt	6	6	33	25	0.3	25	25.0	6534	14492	0	0	0.0	24.5	0.2
data6-6-33-01541.txt	6	6	33	28	0.5	28	28.0	6534	14517	1	0	0.0	26.0	0.2
data6-6-33-01542.txt	6	6	33	26	0.6	26	26.0	6534	14628	1	0	0.0	23.5	0.2
data6-6-33-01543.txt	6	6	33	24	0.3	24	24.0	6534	14501	1	6	0.0	22.0	0.2
data6-6-33-01544.txt	6	6	33	27	0.7	27	27.0	6534	14598	5	11	0.0	23.8	0.2
data6-6-33-01545.txt	6	6	33	27	0.4	27	27.0	6534	14503	1	22	0.0	25.0	0.2
data6-6-33-01546.txt	6	6	33	28	1.4	28	28.0	6534	14599	274	12	0.0	26.0	0.2
data6-6-33-01547.txt	6	6	33	29	0.7	29	29.0	6534	14589	1	21	0.0	28.0	0.3
data6-6-33-01548.txt	6	6	33	35	0.7	35	35.0	6534	14638	1	3	0.0	34.0	0.3
data6-6-33-01549.txt	6	6	33	36	1.0	36	36.0	6534	14580	1	23	0.0	34.0	0.3
data6-6-33-01550.txt	6	6	33	29	0.5	29	29.0	6534	14661	1	15	0.0	28.0	0.2
data6-6-33-01551.txt	6	6	33	28	0.5	28	28.0	6534	14613	0	0	0.0	27.5	0.3
data6-6-33-01552.txt	6	6	33	26	0.3	26	26.0	6534	14517	0	1	0.0	25.0	0.2
data6-6-33-01553.txt	6	6	33	33	0.8	33	33.0	6534	14727	1	2	0.0	31.2	0.4
data6-6-33-01554.txt	6	6	33	32	5.5	32	32.0	6534	14617	1643	132	0.0	29.0	0.3
data6-6-33-01555.txt	6	6	33	26	0.4	26	26.0	6534	14545	1	14	0.0	25.0	0.2
data6-6-33-01556.txt	6	6	33	27	0.3	27	27.0	6534	14576	0	0	0.0	27.0	0.2
data6-6-33-01557.txt	6	6	33	36	0.9	36	36.0	6534	14660	1	15	0.0	34.0	0.4
data6-6-33-01558.txt	6	6	33	21	0.2	21	21.0	6534	14579	0	4	0.0	19.0	0.2
data6-6-33-01559.txt	6	6	33	31	0.6	31	31.0	6534	14618	1	10	0.0	29.3	0.3
data6-6-33-01560.txt	6	6	33	26	0.3	26	26.0	6534	14731	0	0	0.0	26.0	0.2
data6-6-33-01561.txt	6	6	33	30	0.3	30	30.0	6534	14647	0	0	0.0	30.0	0.2
data6-6-33-01562.txt	6	6	33	25	0.3	25	25.0	6534	14631	0	0	0.0	25.0	0.2
data6-6-33-01563.txt	6	6	33	36	0.4	36	36.0	6534	14664	1	12	0.0	34.0	0.2
data6-6-33-01564.txt	6	6	33	24	0.3	24	24.0	6534	14633	0	0	0.0	23.5	0.2
data6-6-33-01565.txt	6	6	33	15	0.2	15	15.0	6534	14351	0	0	0.0	15.0	0.1
data6-6-33-01566.txt	6	6	33	28	0.7	28	28.0	6534	14512	1	8	0.0	26.0	0.2
data6-6-33-01567.txt	6	6	33	31	1.8	31	31.0	6534	14663	1	12	0.0	28.0	0.4
data6-6-33-01568.txt	6	6	33	34	1.9	34	34.0	6534	14543	3	8	0.0	30.5	0.3
data6-6-33-01569.txt	6	6	33	30	1.1	30	30.0	6534	14593	1	0	0.0	27.1	0.3
data6-6-33-01570.txt	6	6	33	26	0.3	26	26.0	6534	14639	0	0	0.0	25.3	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-33-01571.txt	6	6	33	30	0.4	30	30.0	6534	14690	0	0	0.0	30.0	0.3
data6-6-33-01572.txt	6	6	33	28	1.1	28	28.0	6534	14586	142	29	0.0	25.0	0.2
data6-6-33-01573.txt	6	6	33	27	0.3	27	27.0	6534	14525	0	0	0.0	27.0	0.2
data6-6-33-01574.txt	6	6	33	27	0.8	27	27.0	6534	14545	3	44	0.0	24.0	0.2
data6-6-33-01575.txt	6	6	33	28	0.4	28	28.0	6534	14585	1	0	0.0	26.0	0.2
data6-6-33-01576.txt	6	6	33	19	0.2	19	19.0	6534	14374	0	0	0.0	19.0	0.2
data6-6-33-01577.txt	6	6	33	30	0.8	30	30.0	6534	14674	1	13	0.0	28.0	0.4
data6-6-33-01578.txt	6	6	33	25	0.3	25	25.0	6534	14613	0	1	0.0	24.0	0.2
data6-6-33-01579.txt	6	6	33	21	0.2	21	21.0	6534	14488	0	0	0.0	21.0	0.2
data6-6-33-01580.txt	6	6	33	28	0.4	28	28.0	6534	14596	0	3	0.0	27.0	0.2
data6-6-33-01581.txt	6	6	33	39	13.5	39	39.0	6534	14611	2071	161	0.0	32.0	0.4
data6-6-33-01582.txt	6	6	33	32	2.1	32	32.0	6534	14584	1	34	0.0	29.0	0.4
data6-6-33-01583.txt	6	6	33	24	0.4	24	24.0	6534	14496	1	16	0.0	22.2	0.2
data6-6-33-01584.txt	6	6	33	30	1.0	30	30.0	6534	14555	1	5	0.0	27.5	0.4
data6-6-33-01585.txt	6	6	33	30	1.4	30	30.0	6534	14684	41	23	0.0	28.0	0.3
data6-6-33-01586.txt	6	6	33	37	0.5	37	37.0	6534	14788	1	8	0.0	35.0	0.3
data6-6-33-01587.txt	6	6	33	28	0.5	28	28.0	6534	14531	1	24	0.0	26.0	0.2
data6-6-33-01588.txt	6	6	33	41	14.3	41	41.0	6534	14627	1580	70	0.0	35.1	0.5
data6-6-33-01589.txt	6	6	33	34	0.4	34	34.0	6534	14575	0	0	0.0	33.5	0.2
data6-6-33-01590.txt	6	6	33	18	0.2	18	18.0	6534	14525	0	0	0.0	18.0	0.2
data6-6-33-01591.txt	6	6	33	33	0.5	33	33.0	6534	14636	0	0	0.0	33.0	0.4
data6-6-33-01592.txt	6	6	33	32	0.7	32	32.0	6534	14659	40	22	0.0	28.0	0.2
data6-6-33-01593.txt	6	6	33	26	0.3	26	26.0	6534	14533	0	1	0.0	25.0	0.2
data6-6-33-01594.txt	6	6	33	22	0.3	22	22.0	6534	14490	1	7	0.0	21.0	0.2
data6-6-33-01595.txt	6	6	33	30	0.4	30	30.0	6534	14609	0	0	0.0	30.0	0.3
data6-6-33-01596.txt	6	6	33	35	3.7	35	35.0	6534	14587	762	41	0.0	31.0	0.5
data6-6-33-01597.txt	6	6	33	28	0.5	28	28.0	6534	14533	1	16	0.0	26.3	0.2
data6-6-33-01598.txt	6	6	33	29	0.4	29	29.0	6534	14580	1	7	0.0	28.0	0.2
data6-6-33-01599.txt	6	6	33	23	0.3	23	23.0	6534	14522	0	0	0.0	23.0	0.2
data6-6-33-01600.txt	6	6	33	34	1.0	34	34.0	6534	14718	1	2	0.0	32.3	0.4
data6-6-34-01601.txt	6	6	34	28	0.3	28	28.0	6936	15459	0	0	0.0	28.0	0.2
data6-6-34-01602.txt	6	6	34	32	0.7	32	32.0	6936	15404	1	8	0.0	30.5	0.3
data6-6-34-01603.txt	6	6	34	29	0.3	29	29.0	6936	15524	0	0	0.0	29.0	0.2
data6-6-34-01604.txt	6	6	34	34	0.5	34	34.0	6936	15529	0	0	0.0	33.5	0.4
data6-6-34-01605.txt	6	6	34	31	4.9	31	31.0	6936	15484	370	20	0.0	28.4	0.5
data6-6-34-01606.txt	6	6	34	27	0.5	27	27.0	6936	15478	1	17	0.0	24.0	0.2
data6-6-34-01607.txt	6	6	34	30	1.0	30	30.0	6936	15635	1	30	0.0	28.0	0.3
data6-6-34-01608.txt	6	6	34	29	1.0	29	29.0	6936	15580	1	4	0.0	27.0	0.3
data6-6-34-01609.txt	6	6	34	26	0.4	26	26.0	6936	15548	1	3	0.0	24.7	0.2
data6-6-34-01610.txt	6	6	34	28	1.7	28	28.0	6936	15521	277	38	0.0	24.2	0.2
data6-6-34-01611.txt	6	6	34	33	2.7	33	33.0	6936	15523	315	62	0.0	31.0	0.3
data6-6-34-01612.txt	6	6	34	26	0.4	26	26.0	6936	15387	1	11	0.0	25.0	0.2
data6-6-34-01613.txt	6	6	34	22	0.2	22	22.0	6936	15396	0	0	0.0	22.0	0.2
data6-6-34-01614.txt	6	6	34	32	0.5	32	32.0	6936	15426	0	1	0.0	31.0	0.2
data6-6-34-01615.txt	6	6	34	24	0.4	24	24.0	6936	15431	1	0	0.0	22.0	0.2
data6-6-34-01616.txt	6	6	34	29	0.4	29	29.0	6936	15545	0	2	0.0	28.0	0.2
data6-6-34-01617.txt	6	6	34	37	8.1	37	37.0	6936	15464	2055	74	0.0	32.5	0.3
data6-6-34-01618.txt	6	6	34	27	0.9	27	27.0	6936	15577	21	0	0.0	23.0	0.2
data6-6-34-01619.txt	6	6	34	29	0.5	29	29.0	6936	15462	1	7	0.0	27.5	0.2
data6-6-34-01620.txt	6	6	34	45	1.3	45	45.0	6936	15456	1	50	0.0	33.0	0.3
data6-6-34-01621.txt	6	6	34	34	0.6	34	34.0	6936	15443	1	13	0.0	33.0	0.3
data6-6-34-01622.txt	6	6	34	31	5.8	31	31.0	6936	15394	1976	34	0.0	26.0	0.3
data6-6-34-01623.txt	6	6	34	28	0.4	28	28.0	6936	15449	0	0	0.0	28.0	0.3
data6-6-34-01624.txt	6	6	34	26	0.5	26	26.0	6936	15443	0	0	0.0	25.0	0.3
data6-6-34-01625.txt	6	6	34	31	1.0	31	31.0	6936	15437	1	59	0.0	29.0	0.4
data6-6-34-01626.txt	6	6	34	29	0.6	29	29.0	6936	15487	1	11	0.0	27.0	0.2
data6-6-34-01627.txt	6	6	34	31	0.3	31	31.0	6936	15410	1	21	0.0	30.0	0.2
data6-6-34-01628.txt	6	6	34	21	0.2	21	21.0	6936	15334	0	0	0.0	21.0	0.2
data6-6-34-01629.txt	6	6	34	25	0.4	25	25.0	6936	15469	0	0	0.0	24.0	0.2
data6-6-34-01630.txt	6	6	34	35	1.8	35	35.0	6936	15482	107	60	0.0	32.5	0.3
data6-6-34-01631.txt	6	6	34	36	3.6	36	36.0	6936	15521	840	73	0.0	33.0	0.3
data6-6-34-01632.txt	6	6	34	36	1.6	36	36.0	6936	15467	191	73	0.0	31.0	0.2
data6-6-34-01633.txt	6	6	34	28	3.0	28	28.0	6936	15472	586	2	0.0	23.6	0.4
data6-6-34-01634.txt	6	6	34	36	8.0	36	36.0	6936	15670	1728	180	0.0	31.6	0.3
data6-6-34-01635.txt	6	6	34	29	1.1	29	29.0	6936	15410	1	0	0.0	26.5	0.2
data6-6-34-01636.txt	6	6	34	36	1.3	36	36.0	6936	15541	56	18	0.0	32.5	0.3
data6-6-34-01637.txt	6	6	34	29	0.3	29	29.0	6936	15260	0	0	0.0	29.0	0.2
data6-6-34-01638.txt	6	6	34	25	0.3	25	25.0	6936	15376	0	0	0.0	25.0	0.2
data6-6-34-01639.txt	6	6	34	30	0.4	30	30.0	6936	15554	0	0	0.0	30.0	0.3
data6-6-34-01640.txt	6	6	34	23	0.3	23	23.0	6936	15489	0	0	0.0	22.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-34-01641.txt	6	6	34	19	0.2	19	19.0	6936	15311	0	0	0.0	19.0	0.2
data6-6-34-01642.txt	6	6	34	36	0.3	36	36.0	6936	15533	0	6	0.0	33.0	0.2
data6-6-34-01643.txt	6	6	34	30	2.1	30	30.0	6936	15410	553	2	0.0	26.0	0.3
data6-6-34-01644.txt	6	6	34	26	0.6	26	26.0	6936	15380	1	8	0.0	23.9	0.2
data6-6-34-01645.txt	6	6	34	23	0.2	23	23.0	6936	15375	0	0	0.0	23.0	0.2
data6-6-34-01646.txt	6	6	34	23	0.3	23	23.0	6936	15324	0	0	0.0	22.5	0.2
data6-6-34-01647.txt	6	6	34	26	0.7	26	26.0	6936	15417	1	0	0.0	23.0	0.3
data6-6-34-01648.txt	6	6	34	30	0.4	30	30.0	6936	15539	1	15	0.0	29.0	0.2
data6-6-34-01649.txt	6	6	34	22	0.3	22	22.0	6936	15422	0	0	0.0	22.0	0.2
data6-6-34-01650.txt	6	6	34	31	0.6	31	31.0	6936	15357	1	0	0.0	28.8	0.2
data6-6-34-01651.txt	6	6	34	28	0.3	28	28.0	6936	15640	0	0	0.0	27.3	0.2
data6-6-34-01652.txt	6	6	34	30	1.8	30	30.0	6936	15599	1	5	0.0	26.7	0.4
data6-6-34-01653.txt	6	6	34	30	0.7	30	30.0	6936	15632	1	13	0.0	26.3	0.2
data6-6-34-01654.txt	6	6	34	38	0.8	38	38.0	6936	15600	1	28	0.0	34.0	0.3
data6-6-34-01655.txt	6	6	34	31	1.3	31	31.0	6936	15471	1	11	0.0	28.0	0.2
data6-6-34-01656.txt	6	6	34	30	1.2	30	30.0	6936	15455	1	13	0.0	27.0	0.2
data6-6-34-01657.txt	6	6	34	27	0.9	27	27.0	6936	15461	46	16	0.0	25.0	0.3
data6-6-34-01658.txt	6	6	34	29	0.4	29	29.0	6936	15516	1	0	0.0	27.0	0.2
data6-6-34-01659.txt	6	6	34	27	0.6	27	27.0	6936	15388	1	10	0.0	26.0	0.2
data6-6-34-01660.txt	6	6	34	18	0.2	18	18.0	6936	15254	0	0	0.0	18.0	0.2
data6-6-34-01661.txt	6	6	34	33	0.3	33	33.0	6936	15588	0	0	0.0	33.0	0.2
data6-6-34-01662.txt	6	6	34	22	0.5	22	22.0	6936	15262	1	0	0.0	20.0	0.2
data6-6-34-01663.txt	6	6	34	28	0.3	28	28.0	6936	15474	1	24	0.0	26.0	0.2
data6-6-34-01664.txt	6	6	34	32	5.0	32	32.0	6936	15488	1524	46	0.0	28.5	0.4
data6-6-34-01665.txt	6	6	34	29	0.6	29	29.0	6936	15402	1	2	0.0	27.7	0.4
data6-6-34-01666.txt	6	6	34	34	0.9	34	34.0	6936	15501	1	0	0.0	32.5	0.3
data6-6-34-01667.txt	6	6	34	33	5.9	33	33.0	6936	15524	1095	5	0.0	29.5	0.3
data6-6-34-01668.txt	6	6	34	28	0.4	28	28.0	6936	15500	1	12	0.0	27.0	0.2
data6-6-34-01669.txt	6	6	34	29	0.3	29	29.0	6936	15470	0	0	0.0	28.2	0.2
data6-6-34-01670.txt	6	6	34	31	0.4	31	31.0	6936	15462	1	8	0.0	30.0	0.2
data6-6-34-01671.txt	6	6	34	28	1.2	28	28.0	6936	15488	1	0	0.0	25.0	0.2
data6-6-34-01672.txt	6	6	34	34	0.9	34	34.0	6936	15543	1	0	0.0	32.0	0.3
data6-6-34-01673.txt	6	6	34	21	0.3	21	21.0	6936	15363	0	0	0.0	20.0	0.2
data6-6-34-01674.txt	6	6	34	24	0.3	24	24.0	6936	15378	0	1	0.0	23.0	0.2
data6-6-34-01675.txt	6	6	34	38	1.2	38	38.0	6936	15616	65	46	0.0	36.0	0.5
data6-6-34-01676.txt	6	6	34	22	0.2	22	22.0	6936	15304	0	0	0.0	22.0	0.2
data6-6-34-01677.txt	6	6	34	23	0.3	23	23.0	6936	15373	0	0	0.0	23.0	0.2
data6-6-34-01678.txt	6	6	34	33	1.0	33	33.0	6936	15497	1	11	0.0	31.0	0.3
data6-6-34-01679.txt	6	6	34	29	0.4	29	29.0	6936	15539	1	6	0.0	27.5	0.2
data6-6-34-01680.txt	6	6	34	30	0.3	30	30.0	6936	15553	0	5	0.0	29.0	0.2
data6-6-34-01681.txt	6	6	34	29	4.0	29	29.0	6936	15553	301	12	0.0	26.0	0.3
data6-6-34-01682.txt	6	6	34	32	0.6	32	32.0	6936	15443	1	19	0.0	31.0	0.3
data6-6-34-01683.txt	6	6	34	33	0.9	33	33.0	6936	15438	1	2	0.0	31.2	0.3
data6-6-34-01684.txt	6	6	34	37	4.7	37	37.0	6936	15476	796	57	0.0	31.5	0.4
data6-6-34-01685.txt	6	6	34	30	1.6	30	30.0	6936	15464	318	26	0.0	27.0	0.3
data6-6-34-01686.txt	6	6	34	28	0.3	28	28.0	6936	15435	0	0	0.0	28.0	0.2
data6-6-34-01687.txt	6	6	34	28	0.5	28	28.0	6936	15367	0	4	0.0	27.0	0.4
data6-6-34-01688.txt	6	6	34	36	3.0	36	36.0	6936	15452	20	0	0.0	34.0	0.5
data6-6-34-01689.txt	6	6	34	27	0.4	27	27.0	6936	15454	1	11	0.0	26.0	0.3
data6-6-34-01690.txt	6	6	34	29	0.5	29	29.0	6936	15541	1	4	0.0	27.0	0.3
data6-6-34-01691.txt	6	6	34	25	0.6	25	25.0	6936	15456	1	3	0.0	22.3	0.2
data6-6-34-01692.txt	6	6	34	34	1.6	34	34.0	6936	15530	1	8	0.0	31.5	0.4
data6-6-34-01693.txt	6	6	34	34	2.8	34	34.0	6936	15354	389	33	0.0	30.3	0.3
data6-6-34-01694.txt	6	6	34	32	0.6	32	32.0	6936	15511	1	1	0.0	30.5	0.3
data6-6-34-01695.txt	6	6	34	24	0.3	24	24.0	6936	15496	0	0	0.0	24.0	0.2
data6-6-34-01696.txt	6	6	34	27	0.4	27	27.0	6936	15413	1	14	0.0	25.5	0.2
data6-6-34-01697.txt	6	6	34	27	0.3	27	27.0	6936	15424	0	0	0.0	27.0	0.2
data6-6-34-01698.txt	6	6	34	25	0.4	25	25.0	6936	15417	1	5	0.0	24.0	0.2
data6-6-34-01699.txt	6	6	34	27	0.4	27	27.0	6936	15511	1	8	0.0	25.0	0.2
data6-6-34-01700.txt	6	6	34	24	0.3	24	24.0	6936	15417	0	0	0.0	24.0	0.2
data6-6-35-01701.txt	6	6	35	33	0.4	33	33.0	7350	16386	0	0	0.0	33.0	0.3
data6-6-35-01702.txt	6	6	35	38	14.2	38	38.0	7350	16437	855	58	0.0	32.0	0.4
data6-6-35-01703.txt	6	6	35	26	0.3	26	26.0	7350	16388	0	0	0.0	26.0	0.2
data6-6-35-01704.txt	6	6	35	22	0.3	22	22.0	7350	16341	0	0	0.0	22.0	0.2
data6-6-35-01705.txt	6	6	35	28	0.3	28	28.0	7350	16297	0	0	0.0	28.0	0.2
data6-6-35-01706.txt	6	6	35	22	0.3	22	22.0	7350	16253	0	1	0.0	21.0	0.2
data6-6-35-01707.txt	6	6	35	32	0.6	32	32.0	7350	16456	0	6	0.0	31.0	0.4
data6-6-35-01708.txt	6	6	35	35	0.7	35	35.0	7350	16269	1	8	0.0	33.0	0.3
data6-6-35-01709.txt	6	6	35	24	0.2	24	24.0	7350	16340	0	1	0.0	23.0	0.2
data6-6-35-01710.txt	6	6	35	29	0.4	29	29.0	7350	16345	0	0	0.0	28.5	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-35-01711.txt	6	6	35	31	0.6	31	31.0	7350	16269	1	5	0.0	29.0	0.3
data6-6-35-01712.txt	6	6	35	36	1.0	36	36.0	7350	16400	1	17	0.0	33.1	0.4
data6-6-35-01713.txt	6	6	35	28	0.4	28	28.0	7350	16431	0	0	0.0	28.0	0.3
data6-6-35-01714.txt	6	6	35	31	1.7	31	31.0	7350	16466	1	0	0.0	28.5	0.3
data6-6-35-01715.txt	6	6	35	29	0.3	29	29.0	7350	16227	0	7	0.0	28.0	0.2
data6-6-35-01716.txt	6	6	35	22	0.3	22	22.0	7350	16287	0	5	0.0	21.0	0.2
data6-6-35-01717.txt	6	6	35	24	0.2	24	24.0	7350	16236	0	0	0.0	22.5	0.2
data6-6-35-01718.txt	6	6	35	33	1.0	33	33.0	7350	16365	19	37	0.0	31.7	0.4
data6-6-35-01719.txt	6	6	35	39	0.9	39	39.0	7350	16418	1	42	0.0	37.0	0.4
data6-6-35-01720.txt	6	6	35	33	0.4	33	33.0	7350	16329	2	44	0.0	29.0	0.2
data6-6-35-01721.txt	6	6	35	30	0.3	30	30.0	7350	16374	1	8	0.0	24.0	0.2
data6-6-35-01722.txt	6	6	35	25	0.3	25	25.0	7350	16366	0	0	0.0	25.0	0.2
data6-6-35-01723.txt	6	6	35	30	0.9	30	30.0	7350	16431	1	0	0.0	27.5	0.3
data6-6-35-01724.txt	6	6	35	36	0.4	36	36.0	7350	16474	1	6	0.0	33.3	0.2
data6-6-35-01725.txt	6	6	35	34	0.5	34	34.0	7350	16481	1	6	0.0	33.0	0.2
data6-6-35-01726.txt	6	6	35	32	0.3	32	32.0	7350	16529	0	0	0.0	32.0	0.2
data6-6-35-01727.txt	6	6	35	35	11.2	35	35.0	7350	16432	2077	60	0.0	32.0	0.5
data6-6-35-01728.txt	6	6	35	27	0.4	27	27.0	7350	16352	0	0	0.0	27.0	0.3
data6-6-35-01729.txt	6	6	35	29	0.3	29	29.0	7350	16309	0	1	0.0	28.0	0.2
data6-6-35-01730.txt	6	6	35	31	1.7	31	31.0	7350	16376	100	6	0.0	27.5	0.2
data6-6-35-01731.txt	6	6	35	30	0.9	30	30.0	7350	16352	1	0	0.0	28.0	0.3
data6-6-35-01732.txt	6	6	35	22	0.3	22	22.0	7350	16328	0	0	0.0	22.0	0.2
data6-6-35-01733.txt	6	6	35	24	0.3	24	24.0	7350	16323	0	1	0.0	23.0	0.2
data6-6-35-01734.txt	6	6	35	28	0.4	28	28.0	7350	16381	0	0	0.0	27.8	0.3
data6-6-35-01735.txt	6	6	35	34	7.7	34	34.0	7350	16346	2228	102	0.0	30.0	0.2
data6-6-35-01736.txt	6	6	35	31	0.7	31	31.0	7350	16442	1	19	0.0	28.5	0.3
data6-6-35-01737.txt	6	6	35	19	0.3	19	19.0	7350	16261	0	0	0.0	18.5	0.2
data6-6-35-01738.txt	6	6	35	19	0.4	19	19.0	7350	16245	1	31	0.0	18.0	0.3
data6-6-35-01739.txt	6	6	35	20	0.3	20	20.0	7350	16232	0	0	0.0	19.2	0.2
data6-6-35-01740.txt	6	6	35	30	1.7	30	30.0	7350	16548	44	31	0.0	28.0	0.3
data6-6-35-01741.txt	6	6	35	30	0.4	30	30.0	7350	16401	1	1	0.0	27.0	0.2
data6-6-35-01742.txt	6	6	35	25	0.3	25	25.0	7350	16308	0	0	0.0	25.0	0.2
data6-6-35-01743.txt	6	6	35	24	0.3	24	24.0	7350	16322	0	0	0.0	24.0	0.2
data6-6-35-01744.txt	6	6	35	30	0.4	30	30.0	7350	16425	0	0	0.0	28.7	0.2
data6-6-35-01745.txt	6	6	35	26	0.4	26	26.0	7350	16274	0	0	0.0	24.5	0.2
data6-6-35-01746.txt	6	6	35	27	0.4	27	27.0	7350	16344	0	3	0.0	26.0	0.3
data6-6-35-01747.txt	6	6	35	33	0.6	33	33.0	7350	16477	1	6	0.0	31.5	0.3
data6-6-35-01748.txt	6	6	35	32	0.5	32	32.0	7350	16190	0	10	0.0	30.0	0.2
data6-6-35-01749.txt	6	6	35	28	0.3	28	28.0	7350	16372	0	0	0.0	27.5	0.2
data6-6-35-01750.txt	6	6	35	30	0.5	30	30.0	7350	16547	1	14	0.0	28.7	0.3
data6-6-35-01751.txt	6	6	35	27	0.3	27	27.0	7350	16418	0	4	0.0	26.0	0.2
data6-6-35-01752.txt	6	6	35	37	0.5	37	37.0	7350	16460	1	17	0.0	35.0	0.3
data6-6-35-01753.txt	6	6	35	34	0.3	34	34.0	7350	16438	0	0	0.0	33.7	0.2
data6-6-35-01754.txt	6	6	35	22	0.2	22	22.0	7350	16208	0	0	0.0	22.0	0.2
data6-6-35-01755.txt	6	6	35	37	1.5	37	37.0	7350	16427	1	7	0.0	33.0	0.4
data6-6-35-01756.txt	6	6	35	25	0.3	25	25.0	7350	16285	0	8	0.0	24.0	0.2
data6-6-35-01757.txt	6	6	35	24	0.3	24	24.0	7350	16315	0	0	0.0	24.0	0.2
data6-6-35-01758.txt	6	6	35	30	1.4	30	30.0	7350	16121	90	12	0.0	27.0	0.2
data6-6-35-01759.txt	6	6	35	28	0.4	28	28.0	7350	16444	0	0	0.0	27.5	0.3
data6-6-35-01760.txt	6	6	35	34	1.3	34	34.0	7350	16366	331	58	0.0	29.0	0.2
data6-6-35-01761.txt	6	6	35	30	0.3	30	30.0	7350	16394	0	0	0.0	29.5	0.2
data6-6-35-01762.txt	6	6	35	36	0.6	36	36.0	7350	16445	1	18	0.0	34.5	0.3
data6-6-35-01763.txt	6	6	35	33	3.8	33	33.0	7350	16371	486	42	0.0	29.0	0.4
data6-6-35-01764.txt	6	6	35	29	1.0	29	29.0	7350	16392	1	3	0.0	27.0	0.3
data6-6-35-01765.txt	6	6	35	24	0.4	24	24.0	7350	16313	1	1	0.0	22.2	0.2
data6-6-35-01766.txt	6	6	35	33	2.2	33	33.0	7350	16401	362	41	0.0	28.5	0.2
data6-6-35-01767.txt	6	6	35	40	0.8	40	40.0	7350	16442	1	14	0.0	39.0	0.3
data6-6-35-01768.txt	6	6	35	32	5.7	32	32.0	7350	16425	840	17	0.0	29.5	0.6
data6-6-35-01769.txt	6	6	35	25	0.2	25	25.0	7350	16235	0	0	0.0	25.0	0.2
data6-6-35-01770.txt	6	6	35	23	0.3	23	23.0	7350	16201	0	0	0.0	22.0	0.2
data6-6-35-01771.txt	6	6	35	30	0.4	30	30.0	7350	16469	0	0	0.0	29.5	0.3
data6-6-35-01772.txt	6	6	35	32	0.6	32	32.0	7350	16318	1	19	0.0	31.0	0.4
data6-6-35-01773.txt	6	6	35	34	1.2	34	34.0	7350	16324	1	10	0.0	31.0	0.4
data6-6-35-01774.txt	6	6	35	27	0.6	27	27.0	7350	16293	1	27	0.0	24.0	0.2
data6-6-35-01775.txt	6	6	35	30	0.6	30	30.0	7350	16422	33	39	0.0	29.0	0.3
data6-6-35-01776.txt	6	6	35	28	0.3	28	28.0	7350	16380	0	0	0.0	27.5	0.2
data6-6-35-01777.txt	6	6	35	37	5.7	37	37.0	7350	16393	1067	20	0.0	32.5	0.3
data6-6-35-01778.txt	6	6	35	24	0.3	24	24.0	7350	16328	0	0	0.0	24.0	0.2
data6-6-35-01779.txt	6	6	35	24	0.3	24	24.0	7350	16342	0	0	0.0	23.0	0.2
data6-6-35-01780.txt	6	6	35	29	0.3	29	29.0	7350	16238	0	4	0.0	26.0	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-6-35-01781.txt	6	6	35	32	2.6	32	32.0	7350	16381	53	0	0.0	29.0	0.4
data6-6-35-01782.txt	6	6	35	25	1.7	25	25.0	7350	16267	37	27	0.0	23.0	0.2
data6-6-35-01783.txt	6	6	35	31	0.7	31	31.0	7350	16329	1	20	0.0	29.5	0.2
data6-6-35-01784.txt	6	6	35	28	0.4	28	28.0	7350	16306	1	13	0.0	27.0	0.2
data6-6-35-01785.txt	6	6	35	32	0.8	32	32.0	7350	16365	1	14	0.0	30.0	0.3
data6-6-35-01786.txt	6	6	35	31	0.4	31	31.0	7350	16326	1	3	0.0	29.5	0.3
data6-6-35-01787.txt	6	6	35	31	0.3	31	31.0	7350	16354	0	0	0.0	31.0	0.2
data6-6-35-01788.txt	6	6	35	34	1.0	34	34.0	7350	16327	158	44	0.0	30.0	0.2
data6-6-35-01789.txt	6	6	35	28	0.3	28	28.0	7350	16356	0	0	0.0	28.0	0.2
data6-6-35-01790.txt	6	6	35	32	0.6	32	32.0	7350	16376	1	1	0.0	30.5	0.3
data6-6-35-01791.txt	6	6	35	27	0.2	27	27.0	7350	16286	1	9	0.0	25.0	0.2
data6-6-35-01792.txt	6	6	35	23	0.4	23	23.0	7350	16243	1	0	0.0	21.5	0.2
data6-6-35-01793.txt	6	6	35	30	1.7	30	30.0	7350	16400	301	0	0.0	28.0	0.3
data6-6-35-01794.txt	6	6	35	20	0.3	20	20.0	7350	16255	0	0	0.0	20.0	0.2
data6-6-35-01795.txt	6	6	35	28	0.5	28	28.0	7350	16454	1	6	0.0	26.0	0.2
data6-6-35-01796.txt	6	6	35	36	3.6	36	36.0	7350	16423	718	39	0.0	33.0	0.3
data6-6-35-01797.txt	6	6	35	34	1.1	34	34.0	7350	16272	1	0	0.0	32.0	0.3
data6-6-35-01798.txt	6	6	35	31	0.4	31	31.0	7350	16496	0	1	0.0	30.0	0.2
data6-6-35-01799.txt	6	6	35	25	0.4	25	25.0	7350	16362	0	0	0.0	24.0	0.3
data6-6-35-01800.txt	6	6	35	27	0.4	27	27.0	7350	16331	0	0	0.0	27.0	0.3
data6-7-36-03701.txt	7	6	36	33	1.3	33	33.0	9072	20128	1	0	0.0	31.5	0.5
data6-7-36-03702.txt	7	6	36	31	4.7	31	31.0	9072	20287	157	0	0.0	26.5	0.7
data6-7-36-03703.txt	7	6	36	30	2.0	30	30.0	9072	20295	1	0	0.0	27.5	0.5
data6-7-36-03704.txt	7	6	36	30	0.7	30	30.0	9072	20162	0	0	0.0	29.0	0.4
data6-7-36-03705.txt	7	6	36	29	2.5	29	29.0	9072	20139	12	0	0.0	26.0	0.7
data6-7-36-03706.txt	7	6	36	30	1.0	30	30.0	9072	20162	1	0	0.0	28.5	0.5
data6-7-36-03707.txt	7	6	36	20	0.3	20	20.0	9072	19988	0	0	0.0	19.5	0.2
data6-7-36-03708.txt	7	6	36	21	0.3	21	21.0	9072	19934	0	0	0.0	20.5	0.2
data6-7-36-03709.txt	7	6	36	33	2.7	33	33.0	9072	20240	5	0	0.0	28.5	0.5
data6-7-36-03710.txt	7	6	36	27	0.6	27	27.0	9072	20044	0	0	0.0	27.0	0.4
data6-7-36-03711.txt	7	6	36	27	0.6	27	27.0	9072	20254	0	0	0.0	27.0	0.4
data6-7-36-03712.txt	7	6	36	31	6.5	31	31.0	9072	20232	1009	9	0.0	27.0	0.5
data6-7-36-03713.txt	7	6	36	21	0.5	21	21.0	9072	20104	1	26	0.0	20.0	0.3
data6-7-36-03714.txt	7	6	36	28	0.8	28	28.0	9072	20185	0	0	0.0	26.2	0.4
data6-7-36-03715.txt	7	6	36	32	0.9	32	32.0	9072	20231	0	0	0.0	31.5	0.7
data6-7-36-03716.txt	7	6	36	30	1.6	30	30.0	9072	20190	1	0	0.0	27.0	0.5
data6-7-36-03717.txt	7	6	36	28	0.5	28	28.0	9072	20045	0	0	0.0	27.0	0.3
data6-7-36-03718.txt	7	6	36	26	1.0	26	26.0	9072	20211	1	0	0.0	24.1	0.3
data6-7-36-03719.txt	7	6	36	25	0.4	25	25.0	9072	19792	0	0	0.0	24.2	0.3
data6-7-36-03720.txt	7	6	36	30	0.4	30	30.0	9072	20097	0	4	0.0	29.0	0.2
data6-7-36-03721.txt	7	6	36	26	0.5	26	26.0	9072	20151	0	0	0.0	26.0	0.4
data6-7-36-03722.txt	7	6	36	27	2.0	27	27.0	9072	20114	1	0	0.0	23.5	0.5
data6-7-36-03723.txt	7	6	36	35	9.0	35	35.0	9072	20417	380	3	0.0	32.2	0.7
data6-7-36-03724.txt	7	6	36	32	0.7	32	32.0	9072	20016	0	0	0.0	31.3	0.5
data6-7-36-03725.txt	7	6	36	26	0.4	26	26.0	9072	19991	0	0	0.0	25.3	0.3
data6-7-36-03726.txt	7	6	36	23	0.4	23	23.0	9072	20054	0	0	0.0	23.0	0.2
data6-7-36-03727.txt	7	6	36	29	0.8	29	29.0	9072	20163	0	0	0.0	29.0	0.5
data6-7-36-03728.txt	7	6	36	29	0.4	29	29.0	9072	20068	0	2	0.0	28.0	0.3
data6-7-36-03729.txt	7	6	36	24	0.4	24	24.0	9072	19949	0	3	0.0	23.0	0.2
data6-7-36-03730.txt	7	6	36	34	3.0	34	34.0	9072	20149	52	82	0.0	31.5	0.8
data6-7-36-03731.txt	7	6	36	30	1.4	30	30.0	9072	20165	1	7	0.0	27.0	0.5
data6-7-36-03732.txt	7	6	36	24	0.5	24	24.0	9072	19935	1	16	0.0	23.0	0.2
data6-7-36-03733.txt	7	6	36	22	0.4	22	22.0	9072	19986	0	0	0.0	22.0	0.3
data6-7-36-03734.txt	7	6	36	27	0.6	27	27.0	9072	20293	0	0	0.0	27.0	0.4
data6-7-36-03735.txt	7	6	36	21	0.9	21	21.0	9072	20058	1	0	0.0	19.0	0.3
data6-7-36-03736.txt	7	6	36	26	0.5	26	26.0	9072	19950	0	0	0.0	26.0	0.3
data6-7-36-03737.txt	7	6	36	32	1.4	32	32.0	9072	20222	1	6	0.0	29.9	0.5
data6-7-36-03738.txt	7	6	36	26	0.4	26	26.0	9072	20197	0	0	0.0	25.3	0.3
data6-7-36-03739.txt	7	6	36	30	0.8	30	30.0	9072	20306	0	0	0.0	29.1	0.5
data6-7-36-03740.txt	7	6	36	26	0.6	26	26.0	9072	20164	0	0	0.0	25.2	0.4
data6-7-36-03741.txt	7	6	36	27	0.5	27	27.0	9072	19960	0	0	0.0	26.0	0.3
data6-7-36-03742.txt	7	6	36	28	1.5	28	28.0	9072	20057	1	0	0.0	25.5	0.4
data6-7-36-03743.txt	7	6	36	35	1.8	35	35.0	9072	20053	1	0	0.0	31.5	0.5
data6-7-36-03744.txt	7	6	36	32	8.3	32	32.0	9072	20266	1364	10	0.0	27.5	0.6
data6-7-36-03745.txt	7	6	36	36	1.1	36	36.0	9072	20072	1	3	0.0	33.5	0.4
data6-7-36-03746.txt	7	6	36	30	0.6	30	30.0	9072	20114	0	0	0.0	30.0	0.4
data6-7-36-03747.txt	7	6	36	36	6.2	36	36.0	9072	20042	412	52	0.0	33.0	0.5
data6-7-36-03748.txt	7	6	36	29	0.5	29	29.0	9072	20056	0	0	0.0	28.5	0.4
data6-7-36-03749.txt	7	6	36	35	14.2	35	35.0	9072	20250	1739	106	0.0	32.5	0.4
data6-7-36-03750.txt	7	6	36	30	0.6	30	30.0	9072	20196	0	0	0.0	29.5	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-36-03751.txt	7	6	36	22	0.9	22	22.0	9072	19945	1	0	0.0	19.5	0.4
data6-7-36-03752.txt	7	6	36	25	0.7	25	25.0	9072	19978	1	0	0.0	23.5	0.3
data6-7-36-03753.txt	7	6	36	25	0.9	25	25.0	9072	20343	1	0	0.0	23.0	0.3
data6-7-36-03754.txt	7	6	36	28	1.4	28	28.0	9072	20134	16	1	0.0	25.0	0.3
data6-7-36-03755.txt	7	6	36	33	20.9	33	33.0	9072	20148	3373	67	0.0	29.5	0.8
data6-7-36-03756.txt	7	6	36	27	1.3	27	27.0	9072	20210	1	0	0.0	24.5	0.6
data6-7-36-03757.txt	7	6	36	20	0.3	20	20.0	9072	20115	0	0	0.0	20.0	0.2
data6-7-36-03758.txt	7	6	36	19	0.3	19	19.0	9072	19943	0	0	0.0	18.2	0.2
data6-7-36-03759.txt	7	6	36	34	0.8	34	34.0	9072	20180	0	0	0.0	34.0	0.6
data6-7-36-03760.txt	7	6	36	17	0.3	17	17.0	9072	19951	0	0	0.0	17.0	0.2
data6-7-36-03761.txt	7	6	36	26	0.6	26	26.0	9072	20264	0	0	0.0	25.5	0.4
data6-7-36-03762.txt	7	6	36	31	3.0	31	31.0	9072	20280	11	4	0.0	27.5	0.6
data6-7-36-03763.txt	7	6	36	26	1.3	26	26.0	9072	20270	1	18	0.0	23.0	0.4
data6-7-36-03764.txt	7	6	36	28	1.5	28	28.0	9072	20077	10	0	0.0	24.5	0.3
data6-7-36-03765.txt	7	6	36	30	2.4	30	30.0	9072	20162	107	46	0.0	27.3	0.5
data6-7-36-03766.txt	7	6	36	24	0.4	24	24.0	9072	20082	0	0	0.0	23.2	0.2
data6-7-36-03767.txt	7	6	36	24	0.8	24	24.0	9072	20093	1	0	0.0	21.0	0.3
data6-7-36-03768.txt	7	6	36	32	1.8	32	32.0	9072	20403	1	0	0.0	29.5	0.6
data6-7-36-03769.txt	7	6	36	31	0.7	31	31.0	9072	20201	1	16	0.0	30.0	0.4
data6-7-36-03770.txt	7	6	36	21	0.4	21	21.0	9072	19824	0	0	0.0	21.0	0.3
data6-7-36-03771.txt	7	6	36	31	6.3	31	31.0	9072	20288	747	0	0.0	28.2	1.0
data6-7-36-03772.txt	7	6	36	27	0.5	27	27.0	9072	20173	0	0	0.0	26.5	0.3
data6-7-36-03773.txt	7	6	36	23	0.4	23	23.0	9072	20037	0	0	0.0	23.0	0.3
data6-7-36-03774.txt	7	6	36	25	0.5	25	25.0	9072	20154	0	0	0.0	25.0	0.3
data6-7-36-03775.txt	7	6	36	23	0.6	23	23.0	9072	20140	0	1	0.0	22.0	0.3
data6-7-36-03776.txt	7	6	36	25	0.6	25	25.0	9072	20107	0	0	0.0	24.0	0.3
data6-7-36-03777.txt	7	6	36	29	0.5	29	29.0	9072	20087	0	0	0.0	27.5	0.3
data6-7-36-03778.txt	7	6	36	21	0.5	21	21.0	9072	20095	0	0	0.0	20.0	0.4
data6-7-36-03779.txt	7	6	36	26	0.8	26	26.0	9072	20096	0	0	0.0	24.5	0.5
data6-7-36-03780.txt	7	6	36	23	0.4	23	23.0	9072	19981	0	0	0.0	23.0	0.2
data6-7-36-03781.txt	7	6	36	30	0.9	30	30.0	9072	20363	0	0	0.0	28.5	0.4
data6-7-36-03782.txt	7	6	36	27	0.7	27	27.0	9072	20007	0	0	0.0	26.0	0.5
data6-7-36-03783.txt	7	6	36	27	1.1	28	27.0	9072	20065	1	6	0.0	26.0	0.6
data6-7-36-03784.txt	7	6	36	28	0.4	28	28.0	9072	20042	0	0	0.0	28.0	0.3
data6-7-36-03785.txt	7	6	36	28	7.5	28	28.0	9072	20109	1341	0	0.0	25.5	0.6
data6-7-36-03786.txt	7	6	36	25	0.4	25	25.0	9072	19911	0	0	0.0	25.0	0.3
data6-7-36-03787.txt	7	6	36	25	0.5	25	25.0	9072	20064	0	0	0.0	24.0	0.3
data6-7-36-03788.txt	7	6	36	32	1.8	32	32.0	9072	20094	1	0	0.0	29.5	0.4
data6-7-36-03789.txt	7	6	36	23	0.5	23	23.0	9072	20091	0	0	0.0	23.0	0.4
data6-7-36-03790.txt	7	6	36	28	0.6	28	28.0	9072	19988	0	0	0.0	27.0	0.4
data6-7-36-03791.txt	7	6	36	21	0.3	21	21.0	9072	20006	0	0	0.0	21.0	0.2
data6-7-36-03792.txt	7	6	36	29	1.0	29	29.0	9072	20167	1	1	0.0	28.0	0.5
data6-7-36-03793.txt	7	6	36	25	0.3	25	25.0	9072	19824	0	0	0.0	25.0	0.2
data6-7-36-03794.txt	7	6	36	32	0.9	32	32.0	9072	20160	0	0	0.0	31.0	0.5
data6-7-36-03795.txt	7	6	36	25	0.4	25	25.0	9072	20116	0	0	0.0	25.0	0.3
data6-7-36-03796.txt	7	6	36	31	1.8	31	31.0	9072	20096	1	6	0.0	28.3	0.4
data6-7-36-03797.txt	7	6	36	33	2.4	33	33.0	9072	20162	1	5	0.0	29.0	0.7
data6-7-36-03798.txt	7	6	36	29	2.3	29	29.0	9072	20377	12	3	0.0	25.7	0.4
data6-7-36-03799.txt	7	6	36	30	1.3	30	30.0	9072	20255	1	0	0.0	28.0	0.5
data6-7-36-03800.txt	7	6	36	28	5.7	28	28.0	9072	20370	682	39	0.0	25.0	0.6
data6-7-37-03801.txt	7	6	37	30	1.5	30	30.0	9583	21374	1	9	0.0	28.2	0.4
data6-7-37-03802.txt	7	6	37	27	1.0	27	27.0	9583	21235	1	6	0.0	24.5	0.3
data6-7-37-03803.txt	7	6	37	31	1.1	31	31.0	9583	21460	1	1	0.0	29.0	0.6
data6-7-37-03804.txt	7	6	37	31	0.6	31	31.0	9583	21158	0	0	0.0	31.0	0.4
data6-7-37-03805.txt	7	6	37	27	0.5	27	27.0	9583	21231	0	0	0.0	27.0	0.4
data6-7-37-03806.txt	7	6	37	26	0.4	26	26.0	9583	21113	0	0	0.0	26.0	0.2
data6-7-37-03807.txt	7	6	37	31	1.6	31	31.0	9583	21253	1	0	0.0	28.0	0.7
data6-7-37-03808.txt	7	6	37	23	0.4	23	23.0	9583	21137	0	0	0.0	22.0	0.3
data6-7-37-03809.txt	7	6	37	36	139.8	36	36.0	9583	21308	21761	115	0.0	31.0	0.7
data6-7-37-03810.txt	7	6	37	28	0.5	28	28.0	9583	21385	0	0	0.0	28.0	0.3
data6-7-37-03811.txt	7	6	37	35	7.1	35	35.0	9583	21285	1075	75	0.0	32.5	0.4
data6-7-37-03812.txt	7	6	37	34	1.0	34	34.0	9583	21255	1	5	0.0	31.5	0.4
data6-7-37-03813.txt	7	6	37	32	0.8	32	32.0	9583	21227	0	0	0.0	31.0	0.6
data6-7-37-03814.txt	7	6	37	32	1.2	33	32.0	9583	21337	1	48	0.0	32.0	0.6
data6-7-37-03815.txt	7	6	37	28	2.3	28	28.0	9583	21309	131	55	0.0	25.0	0.5
data6-7-37-03816.txt	7	6	37	30	0.6	30	30.0	9583	21323	1	14	0.0	29.0	0.4
data6-7-37-03817.txt	7	6	37	29	1.1	29	29.0	9583	21262	1	5	0.0	26.5	0.4
data6-7-37-03818.txt	7	6	37	23	0.6	23	23.0	9583	21180	1	7	0.0	22.0	0.4
data6-7-37-03819.txt	7	6	37	30	0.6	30	30.0	9583	21203	0	0	0.0	29.0	0.4
data6-7-37-03820.txt	7	6	37	25	0.6	25	25.0	9583	21141	0	0	0.0	25.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-37-03821.txt	7	6	37	31	1.6	31	31.0	9583	21329	1	5	0.0	29.5	0.5
data6-7-37-03822.txt	7	6	37	22	0.5	22	22.0	9583	21155	0	2	0.0	21.0	0.4
data6-7-37-03823.txt	7	6	37	20	0.3	20	20.0	9583	21102	0	0	0.0	20.0	0.2
data6-7-37-03824.txt	7	6	37	37	1.7	37	37.0	9583	21220	3	22	0.0	34.5	0.5
data6-7-37-03825.txt	7	6	37	24	0.5	24	24.0	9583	21123	1	9	0.0	23.0	0.4
data6-7-37-03826.txt	7	6	37	28	0.7	28	28.0	9583	21187	1	14	0.0	26.3	0.3
data6-7-37-03827.txt	7	6	37	29	0.7	29	29.0	9583	21309	0	0	0.0	28.0	0.3
data6-7-37-03828.txt	7	6	37	29	0.5	29	29.0	9583	21246	1	6	0.0	26.0	0.3
data6-7-37-03829.txt	7	6	37	37	4.2	37	37.0	9583	21405	62	21	0.0	34.0	0.9
data6-7-37-03830.txt	7	6	37	32	1.9	32	32.0	9583	21345	88	50	0.0	30.0	0.5
data6-7-37-03831.txt	7	6	37	26	0.4	26	26.0	9583	21082	0	0	0.0	24.5	0.2
data6-7-37-03832.txt	7	6	37	29	1.0	29	29.0	9583	21243	1	0	0.0	27.0	0.4
data6-7-37-03833.txt	7	6	37	30	1.0	30	30.0	9583	21401	1	7	0.0	27.2	0.3
data6-7-37-03834.txt	7	6	37	27	0.7	27	27.0	9583	21147	0	0	0.0	26.0	0.3
data6-7-37-03835.txt	7	6	37	24	0.4	24	24.0	9583	21151	0	0	0.0	23.5	0.3
data6-7-37-03836.txt	7	6	37	27	0.6	27	27.0	9583	21177	0	2	0.0	25.2	0.3
data6-7-37-03837.txt	7	6	37	31	1.7	31	31.0	9583	21355	1	1	0.0	28.6	0.6
data6-7-37-03838.txt	7	6	37	34	6.8	34	34.0	9583	21585	1535	27	0.0	32.0	0.5
data6-7-37-03839.txt	7	6	37	28	1.1	28	28.0	9583	21107	1	9	0.0	26.0	0.4
data6-7-37-03840.txt	7	6	37	28	0.6	28	28.0	9583	21204	0	0	0.0	26.5	0.3
data6-7-37-03841.txt	7	6	37	27	0.7	27	27.0	9583	21468	1	15	0.0	26.0	0.4
data6-7-37-03842.txt	7	6	37	35	2.5	35	35.0	9583	21334	41	30	0.0	32.5	0.5
data6-7-37-03843.txt	7	6	37	33	8.6	33	33.0	9583	21401	1499	66	0.0	27.5	0.4
data6-7-37-03844.txt	7	6	37	28	0.5	28	28.0	9583	21176	0	0	0.0	27.0	0.3
data6-7-37-03845.txt	7	6	37	28	0.7	28	28.0	9583	21406	0	0	0.0	26.4	0.4
data6-7-37-03846.txt	7	6	37	31	6.5	31	31.0	9583	21248	495	0	0.0	29.0	0.6
data6-7-37-03847.txt	7	6	37	30	0.5	30	30.0	9583	21210	0	0	0.0	30.0	0.4
data6-7-37-03848.txt	7	6	37	38	11.5	38	38.0	9583	21477	652	73	0.0	31.3	0.7
data6-7-37-03849.txt	7	6	37	29	0.5	29	29.0	9583	21275	0	0	0.0	28.5	0.3
data6-7-37-03850.txt	7	6	37	25	0.5	25	25.0	9583	21217	0	0	0.0	24.5	0.4
data6-7-37-03851.txt	7	6	37	30	1.7	30	30.0	9583	21447	1	5	0.0	27.5	0.7
data6-7-37-03852.txt	7	6	37	22	0.4	22	22.0	9583	21033	0	0	0.0	22.0	0.3
data6-7-37-03853.txt	7	6	37	28	1.4	28	28.0	9583	21276	4	27	0.0	25.0	0.3
data6-7-37-03854.txt	7	6	37	26	0.6	26	26.0	9583	21267	0	0	0.0	26.0	0.4
data6-7-37-03855.txt	7	6	37	28	1.6	28	28.0	9583	21268	1	0	0.0	25.5	0.4
data6-7-37-03856.txt	7	6	37	27	0.6	27	27.0	9583	21234	1	12	0.0	24.5	0.3
data6-7-37-03857.txt	7	6	37	26	0.6	26	26.0	9583	21203	1	1	0.0	24.0	0.3
data6-7-37-03858.txt	7	6	37	32	1.1	32	32.0	9583	21461	1	3	0.0	29.5	0.4
data6-7-37-03859.txt	7	6	37	29	0.9	29	29.0	9583	21177	0	0	0.0	27.5	0.5
data6-7-37-03860.txt	7	6	37	33	0.6	33	33.0	9583	21443	0	2	0.0	32.0	0.3
data6-7-37-03861.txt	7	6	37	25	0.4	25	25.0	9583	21157	0	0	0.0	25.0	0.3
data6-7-37-03862.txt	7	6	37	33	1.7	33	33.0	9583	21321	1	3	0.0	30.5	0.7
data6-7-37-03863.txt	7	6	37	35	3.2	35	35.0	9583	21371	132	12	0.0	30.5	0.4
data6-7-37-03864.txt	7	6	37	30	1.1	30	30.0	9583	21346	0	0	0.0	29.0	0.5
data6-7-37-03865.txt	7	6	37	30	0.9	30	30.0	9583	21383	0	0	0.0	28.2	0.5
data6-7-37-03866.txt	7	6	37	28	0.7	28	28.0	9583	21424	0	1	0.0	27.0	0.4
data6-7-37-03867.txt	7	6	37	26	0.8	26	26.0	9583	21390	1	14	0.0	25.0	0.3
data6-7-37-03868.txt	7	6	37	29	0.6	29	29.0	9583	21239	1	9	0.0	28.0	0.3
data6-7-37-03869.txt	7	6	37	35	2.2	35	35.0	9583	21349	1	0	0.0	31.2	0.8
data6-7-37-03870.txt	7	6	37	28	0.9	28	28.0	9583	21248	1	0	0.0	26.5	0.6
data6-7-37-03871.txt	7	6	37	33	0.8	33	33.0	9583	21144	1	14	0.0	31.0	0.3
data6-7-37-03872.txt	7	6	37	30	2.3	30	30.0	9583	21168	15	12	0.0	27.5	0.5
data6-7-37-03873.txt	7	6	37	25	0.6	25	25.0	9583	21153	0	1	0.0	23.5	0.3
data6-7-37-03874.txt	7	6	37	34	4.3	34	34.0	9583	21400	701	149	0.0	28.9	0.5
data6-7-37-03875.txt	7	6	37	33	3.3	33	33.0	9583	21302	162	46	0.0	29.0	0.6
data6-7-37-03876.txt	7	6	37	28	0.6	28	28.0	9583	21045	1	0	0.0	27.0	0.3
data6-7-37-03877.txt	7	6	37	28	0.7	28	28.0	9583	21305	1	7	0.0	27.0	0.4
data6-7-37-03878.txt	7	6	37	26	0.6	26	26.0	9583	21037	0	0	0.0	25.0	0.3
data6-7-37-03879.txt	7	6	37	29	1.3	29	29.0	9583	21400	1	4	0.0	26.4	0.4
data6-7-37-03880.txt	7	6	37	25	0.5	25	25.0	9583	21281	0	0	0.0	23.5	0.3
data6-7-37-03881.txt	7	6	37	26	0.5	26	26.0	9583	21255	0	0	0.0	25.5	0.3
data6-7-37-03882.txt	7	6	37	32	5.5	32	32.0	9583	21331	159	0	0.0	29.0	0.7
data6-7-37-03883.txt	7	6	37	30	1.5	30	30.0	9583	21243	1	0	0.0	28.2	0.4
data6-7-37-03884.txt	7	6	37	27	0.5	27	27.0	9583	21206	0	0	0.0	26.5	0.4
data6-7-37-03885.txt	7	6	37	28	0.6	28	28.0	9583	21232	0	12	0.0	27.0	0.4
data6-7-37-03886.txt	7	6	37	30	0.7	30	30.0	9583	21207	1	8	0.0	28.5	0.3
data6-7-37-03887.txt	7	6	37	30	1.4	30	30.0	9583	21358	1	10	0.0	28.5	0.5
data6-7-37-03888.txt	7	6	37	23	0.6	23	23.0	9583	21084	0	2	0.0	22.0	0.3
data6-7-37-03889.txt	7	6	37	32	1.1	32	32.0	9583	21424	1	59	0.0	30.0	0.4
data6-7-37-03890.txt	7	6	37	29	1.5	29	29.0	9583	21459	1	5	0.0	26.5	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-37-03891.txt	7	6	37	30	0.5	30	30.0	9583	21467	0	0	0.0	30.0	0.3
data6-7-37-03892.txt	7	6	37	32	0.6	32	32.0	9583	21203	1	15	0.0	31.0	0.3
data6-7-37-03893.txt	7	6	37	31	1.4	31	31.0	9583	21302	1	2	0.0	29.0	0.5
data6-7-37-03894.txt	7	6	37	31	4.9	31	31.0	9583	21379	560	56	0.0	28.0	0.5
data6-7-37-03895.txt	7	6	37	27	0.5	27	27.0	9583	21075	0	0	0.0	27.0	0.3
data6-7-37-03896.txt	7	6	37	25	0.7	25	25.0	9583	21089	1	18	0.0	23.5	0.3
data6-7-37-03897.txt	7	6	37	27	0.6	27	27.0	9583	21254	1	0	0.0	25.5	0.3
data6-7-37-03898.txt	7	6	37	26	0.4	26	26.0	9583	20904	1	2	0.0	24.3	0.2
data6-7-37-03899.txt	7	6	37	30	1.3	30	30.0	9583	21208	1	11	0.0	27.3	0.3
data6-7-37-03900.txt	7	6	37	30	1.2	30	30.0	9583	21202	1	24	0.0	27.7	0.4
data6-7-38-03901.txt	7	6	38	29	1.0	29	29.0	10108	22459	0	0	0.0	27.5	0.5
data6-7-38-03902.txt	7	6	38	43	76.8	43	43.0	10108	22524	2989	24	0.0	38.0	1.0
data6-7-38-03903.txt	7	6	38	36	5.0	36	36.0	10108	22539	891	29	0.0	30.2	0.5
data6-7-38-03904.txt	7	6	38	34	2.0	34	34.0	10108	22367	1	3	0.0	30.8	0.3
data6-7-38-03905.txt	7	6	38	27	0.5	27	27.0	10108	22266	0	0	0.0	27.0	0.3
data6-7-38-03906.txt	7	6	38	30	0.9	30	30.0	10108	22478	1	0	0.0	28.5	0.4
data6-7-38-03907.txt	7	6	38	29	0.5	29	29.0	10108	22225	0	3	0.0	28.0	0.3
data6-7-38-03908.txt	7	6	38	31	2.0	31	31.0	10108	22557	64	4	0.0	26.0	0.4
data6-7-38-03909.txt	7	6	38	26	0.4	26	26.0	10108	22444	0	0	0.0	26.0	0.3
data6-7-38-03910.txt	7	6	38	38	4.5	38	38.0	10108	22382	150	45	0.0	35.0	0.6
data6-7-38-03911.txt	7	6	38	29	0.5	29	29.0	10108	22421	0	0	0.0	29.0	0.3
data6-7-38-03912.txt	7	6	38	33	1.3	33	33.0	10108	22532	7	36	0.0	30.0	0.4
data6-7-38-03913.txt	7	6	38	26	2.0	26	26.0	10108	22447	214	47	0.0	24.0	0.5
data6-7-38-03914.txt	7	6	38	32	0.8	32	32.0	10108	22373	0	0	0.0	31.0	0.5
data6-7-38-03915.txt	7	6	38	30	0.5	30	30.0	10108	22355	0	0	0.0	30.0	0.3
data6-7-38-03916.txt	7	6	38	31	0.7	31	31.0	10108	22521	0	0	0.0	30.5	0.5
data6-7-38-03917.txt	7	6	38	30	14.5	30	30.0	10108	22441	1626	12	0.0	25.5	0.7
data6-7-38-03918.txt	7	6	38	29	0.5	29	29.0	10108	22355	0	0	0.0	29.0	0.4
data6-7-38-03919.txt	7	6	38	36	14.1	36	36.0	10108	22589	1527	34	0.0	31.5	0.6
data6-7-38-03920.txt	7	6	38	33	1.9	33	33.0	10108	22608	1	2	0.0	31.3	0.6
data6-7-38-03921.txt	7	6	38	37	0.9	37	37.0	10108	22426	1	1	0.0	35.0	0.5
data6-7-38-03922.txt	7	6	38	29	0.8	29	29.0	10108	22620	1	1	0.0	26.5	0.4
data6-7-38-03923.txt	7	6	38	28	0.4	28	28.0	10108	22352	0	1	0.0	27.0	0.3
data6-7-38-03924.txt	7	6	38	34	2.0	34	34.0	10108	22533	30	9	0.0	30.0	0.4
data6-7-38-03925.txt	7	6	38	36	1.2	36	36.0	10108	22445	1	25	0.0	34.7	0.6
data6-7-38-03926.txt	7	6	38	28	0.4	28	28.0	10108	22467	0	1	0.0	27.0	0.3
data6-7-38-03927.txt	7	6	38	28	0.7	28	28.0	10108	22318	1	12	0.0	26.0	0.3
data6-7-38-03928.txt	7	6	38	29	2.2	29	29.0	10108	22488	24	42	0.0	26.0	0.6
data6-7-38-03929.txt	7	6	38	29	1.1	29	29.0	10108	22455	1	0	0.0	26.0	0.3
data6-7-38-03930.txt	7	6	38	31	0.6	31	31.0	10108	22474	1	0	0.0	29.0	0.4
data6-7-38-03931.txt	7	6	38	26	0.5	26	26.0	10108	22346	0	0	0.0	26.0	0.3
data6-7-38-03932.txt	7	6	38	30	2.2	30	30.0	10108	22531	35	2	0.0	25.5	0.4
data6-7-38-03933.txt	7	6	38	23	0.5	23	23.0	10108	22238	0	0	0.0	22.0	0.3
data6-7-38-03934.txt	7	6	38	24	0.5	24	24.0	10108	22344	0	0	0.0	23.5	0.3
data6-7-38-03935.txt	7	6	38	26	0.6	26	26.0	10108	22393	0	0	0.0	25.0	0.3
data6-7-38-03936.txt	7	6	38	29	1.1	29	29.0	10108	22496	1	36	0.0	28.0	0.5
data6-7-38-03937.txt	7	6	38	32	0.6	32	32.0	10108	22299	0	0	0.0	31.0	0.3
data6-7-38-03938.txt	7	6	38	38	7.3	38	38.0	10108	22587	360	77	0.0	34.5	0.6
data6-7-38-03939.txt	7	6	38	38	2.4	38	38.0	10108	22567	1	16	0.0	34.7	0.6
data6-7-38-03940.txt	7	6	38	34	6.8	34	34.0	10108	22537	839	20	0.0	29.5	0.4
data6-7-38-03941.txt	7	6	38	32	0.8	32	32.0	10108	22416	1	17	0.0	30.5	0.3
data6-7-38-03942.txt	7	6	38	38	6.2	38	38.0	10108	22622	170	4	0.0	33.5	0.7
data6-7-38-03943.txt	7	6	38	39	0.7	39	39.0	10108	22339	0	1	0.0	38.0	0.5
data6-7-38-03944.txt	7	6	38	33	0.9	33	33.0	10108	22455	0	0	0.0	33.0	0.6
data6-7-38-03945.txt	7	6	38	35	0.8	35	35.0	10108	22641	0	0	0.0	34.0	0.5
data6-7-38-03946.txt	7	6	38	31	0.9	31	31.0	10108	22279	0	0	0.0	30.0	0.5
data6-7-38-03947.txt	7	6	38	30	0.7	30	30.0	10108	22533	1	22	0.0	27.0	0.3
data6-7-38-03948.txt	7	6	38	34	1.1	34	34.0	10108	22499	1	70	0.0	33.0	0.5
data6-7-38-03949.txt	7	6	38	29	0.8	29	29.0	10108	22296	1	3	0.0	27.7	0.4
data6-7-38-03950.txt	7	6	38	31	3.0	31	31.0	10108	22362	286	0	0.0	26.4	0.5
data6-7-38-03951.txt	7	6	38	30	0.5	30	30.0	10108	22646	0	4	0.0	29.0	0.3
data6-7-38-03952.txt	7	6	38	33	1.1	33	33.0	10108	22554	1	3	0.0	32.0	0.5
data6-7-38-03953.txt	7	6	38	34	4.5	34	34.0	10108	22464	56	0	0.0	30.0	0.5
data6-7-38-03954.txt	7	6	38	27	2.1	27	27.0	10108	22202	14	22	0.0	24.5	0.6
data6-7-38-03955.txt	7	6	38	33	1.3	33	33.0	10108	22386	1	11	0.0	31.5	0.6
data6-7-38-03956.txt	7	6	38	30	3.0	30	30.0	10108	22446	182	5	0.0	25.5	0.3
data6-7-38-03957.txt	7	6	38	33	1.0	33	33.0	10108	22345	1	1	0.0	31.0	0.3
data6-7-38-03958.txt	7	6	38	32	1.3	32	32.0	10108	22590	18	34	0.0	30.5	0.6
data6-7-38-03959.txt	7	6	38	30	0.6	30	30.0	10108	22552	0	2	0.0	29.0	0.5
data6-7-38-03960.txt	7	6	38	24	0.5	24	24.0	10108	22211	0	0	0.0	23.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-38-03961.txt	7	6	38	33	1.0	33	33.0	10108	22417	1	8	0.0	32.0	0.5
data6-7-38-03962.txt	7	6	38	42	1.7	42	42.0	10108	22698	1	10	0.0	40.6	0.7
data6-7-38-03963.txt	7	6	38	26	0.5	26	26.0	10108	22332	0	0	0.0	26.0	0.3
data6-7-38-03964.txt	7	6	38	29	0.9	29	29.0	10108	22352	0	0	0.0	28.0	0.5
data6-7-38-03965.txt	7	6	38	32	1.5	32	32.0	10108	22454	1	0	0.0	29.5	0.4
data6-7-38-03966.txt	7	6	38	35	6.9	35	35.0	10108	22686	214	29	0.0	32.0	0.5
data6-7-38-03967.txt	7	6	38	37	4.2	37	37.0	10108	22698	307	43	0.0	29.5	0.4
data6-7-38-03968.txt	7	6	38	29	0.6	29	29.0	10108	22397	1	5	0.0	28.0	0.3
data6-7-38-03969.txt	7	6	38	27	0.6	27	27.0	10108	22087	1	1	0.0	25.6	0.3
data6-7-38-03970.txt	7	6	38	36	3.0	36	36.0	10108	22565	22	30	0.0	33.0	0.7
data6-7-38-03971.txt	7	6	38	36	1.4	36	36.0	10108	22563	1	4	0.0	34.5	0.5
data6-7-38-03972.txt	7	6	38	29	1.2	29	29.0	10108	22355	1	10	0.0	27.0	0.4
data6-7-38-03973.txt	7	6	38	29	1.4	29	29.0	10108	22334	52	39	0.0	27.0	0.5
data6-7-38-03974.txt	7	6	38	34	8.8	34	34.0	10108	22478	903	67	0.0	30.0	0.5
data6-7-38-03975.txt	7	6	38	26	0.7	26	26.0	10108	22351	1	12	0.0	24.0	0.3
data6-7-38-03976.txt	7	6	38	27	1.0	27	27.0	10108	22242	1	12	0.0	23.8	0.3
data6-7-38-03977.txt	7	6	38	26	0.4	26	26.0	10108	22042	0	0	0.0	26.0	0.3
data6-7-38-03978.txt	7	6	38	31	0.5	31	31.0	10108	22420	0	0	0.0	31.0	0.4
data6-7-38-03979.txt	7	6	38	32	3.8	32	32.0	10108	22500	590	40	0.0	29.2	0.4
data6-7-38-03980.txt	7	6	38	34	2.2	34	34.0	10108	22666	1	24	0.0	33.0	0.8
data6-7-38-03981.txt	7	6	38	29	0.7	29	29.0	10108	22447	0	0	0.0	27.5	0.3
data6-7-38-03982.txt	7	6	38	34	0.6	34	34.0	10108	22494	0	0	0.0	34.0	0.4
data6-7-38-03983.txt	7	6	38	36	4.3	36	36.0	10108	22156	535	31	0.0	32.5	0.7
data6-7-38-03984.txt	7	6	38	33	2.2	33	33.0	10108	22634	1	0	0.0	28.3	0.5
data6-7-38-03985.txt	7	6	38	29	0.6	29	29.0	10108	22376	0	0	0.0	27.5	0.4
data6-7-38-03986.txt	7	6	38	32	0.8	32	32.0	10108	22637	0	0	0.0	31.0	0.5
data6-7-38-03987.txt	7	6	38	37	1.9	37	37.0	10108	22646	1	2	0.0	36.0	0.9
data6-7-38-03988.txt	7	6	38	38	15.4	38	38.0	10108	22717	1554	17	0.0	35.5	0.7
data6-7-38-03989.txt	7	6	38	29	0.6	29	29.0	10108	22143	1	4	0.0	28.0	0.3
data6-7-38-03990.txt	7	6	38	36	7.9	36	36.0	10108	22456	752	67	0.0	32.5	0.5
data6-7-38-03991.txt	7	6	38	30	0.8	30	30.0	10108	22538	0	0	0.0	28.5	0.5
data6-7-38-03992.txt	7	6	38	27	0.5	27	27.0	10108	22421	0	0	0.0	26.0	0.3
data6-7-38-03993.txt	7	6	38	32	1.4	32	32.0	10108	22385	1	2	0.0	27.5	0.5
data6-7-38-03994.txt	7	6	38	28	1.4	28	28.0	10108	22216	79	21	0.0	24.5	0.3
data6-7-38-03995.txt	7	6	38	29	0.7	29	29.0	10108	22549	0	1	0.0	27.5	0.4
data6-7-38-03996.txt	7	6	38	32	0.6	32	32.0	10108	22352	1	2	0.0	30.5	0.3
data6-7-38-03997.txt	7	6	38	33	0.6	33	33.0	10108	22403	0	0	0.0	32.5	0.4
data6-7-38-03998.txt	7	6	38	28	0.7	28	28.0	10108	22429	0	2	0.0	27.0	0.4
data6-7-38-03999.txt	7	6	38	24	0.3	24	24.0	10108	22169	0	0	0.0	23.5	0.2
data6-7-38-04000.txt	7	6	38	31	0.5	31	31.0	10108	22215	0	0	0.0	29.5	0.3
data6-7-39-04001.txt	7	6	39	30	0.6	30	30.0	10647	23468	1	1	0.0	28.5	0.3
data6-7-39-04002.txt	7	6	39	34	0.5	34	34.0	10647	23477	0	0	0.0	33.5	0.4
data6-7-39-04003.txt	7	6	39	29	0.4	29	29.0	10647	23435	0	0	0.0	29.0	0.3
data6-7-39-04004.txt	7	6	39	38	0.9	38	38.0	10647	23665	0	0	0.0	35.5	0.6
data6-7-39-04005.txt	7	6	39	31	0.7	31	31.0	10647	23558	0	0	0.0	31.0	0.5
data6-7-39-04006.txt	7	6	39	22	0.4	22	22.0	10647	23435	0	0	0.0	22.0	0.3
data6-7-39-04007.txt	7	6	39	25	0.6	25	25.0	10647	23356	0	8	0.0	24.0	0.3
data6-7-39-04008.txt	7	6	39	35	0.6	35	35.0	10647	23432	0	0	0.0	34.5	0.4
data6-7-39-04009.txt	7	6	39	28	2.2	28	28.0	10647	23610	109	43	0.0	25.5	0.5
data6-7-39-04010.txt	7	6	39	34	3.8	34	34.0	10647	23470	605	30	0.0	30.0	0.8
data6-7-39-04011.txt	7	6	39	37	1.5	37	37.0	10647	23740	1	6	0.0	35.3	0.7
data6-7-39-04012.txt	7	6	39	32	0.5	32	32.0	10647	23591	0	0	0.0	32.0	0.3
data6-7-39-04013.txt	7	6	39	26	0.5	26	26.0	10647	23494	1	18	0.0	24.5	0.3
data6-7-39-04014.txt	7	6	39	39	1.1	39	39.0	10647	23842	1	9	0.0	38.0	0.7
data6-7-39-04015.txt	7	6	39	31	2.2	31	31.0	10647	23582	278	8	0.0	29.0	0.5
data6-7-39-04016.txt	7	6	39	36	11.0	36	36.0	10647	23582	2243	47	0.0	33.0	0.4
data6-7-39-04017.txt	7	6	39	29	0.9	29	29.0	10647	23475	1	2	0.0	27.0	0.4
data6-7-39-04018.txt	7	6	39	36	2.1	36	36.0	10647	23875	93	18	0.0	34.0	0.5
data6-7-39-04019.txt	7	6	39	34	0.6	34	34.0	10647	23502	0	0	0.0	34.0	0.4
data6-7-39-04020.txt	7	6	39	29	0.7	29	29.0	10647	23392	1	4	0.0	27.0	0.3
data6-7-39-04021.txt	7	6	39	26	0.4	26	26.0	10647	23403	0	0	0.0	26.0	0.3
data6-7-39-04022.txt	7	6	39	26	0.8	26	26.0	10647	23425	1	13	0.0	23.5	0.4
data6-7-39-04023.txt	7	6	39	26	0.9	26	26.0	10647	23440	0	0	0.0	25.0	0.6
data6-7-39-04024.txt	7	6	39	28	0.7	28	28.0	10647	23496	0	0	0.0	28.0	0.3
data6-7-39-04025.txt	7	6	39	26	0.6	26	26.0	10647	23596	0	0	0.0	25.5	0.4
data6-7-39-04026.txt	7	6	39	37	0.6	37	37.0	10647	23563	0	1	0.0	36.0	0.5
data6-7-39-04027.txt	7	6	39	29	0.5	29	29.0	10647	23473	0	0	0.0	29.0	0.4
data6-7-39-04028.txt	7	6	39	23	0.4	23	23.0	10647	23508	0	0	0.0	23.0	0.3
data6-7-39-04029.txt	7	6	39	30	1.6	30	30.0	10647	23812	13	1	0.0	28.0	0.4
data6-7-39-04030.txt	7	6	39	32	0.6	32	32.0	10647	23564	0	1	0.0	31.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-39-04031.txt	7	6	39	31	1.2	31	31.0	10647	23492	1	0	0.0	29.0	0.5
data6-7-39-04032.txt	7	6	39	29	1.1	29	29.0	10647	23581	1	18	0.0	28.0	0.4
data6-7-39-04033.txt	7	6	39	29	0.8	29	29.0	10647	23764	0	4	0.0	28.0	0.5
data6-7-39-04034.txt	7	6	39	31	1.1	31	31.0	10647	23531	1	0	0.0	28.5	0.5
data6-7-39-04035.txt	7	6	39	34	4.0	34	34.0	10647	23720	551	75	0.0	31.0	0.5
data6-7-39-04036.txt	7	6	39	32	0.5	32	32.0	10647	23398	0	0	0.0	31.5	0.4
data6-7-39-04037.txt	7	6	39	36	3.0	36	36.0	10647	23651	88	7	0.0	31.3	0.5
data6-7-39-04038.txt	7	6	39	29	0.7	29	29.0	10647	23607	0	0	0.0	28.2	0.5
data6-7-39-04039.txt	7	6	39	34	1.0	34	34.0	10647	23658	1	4	0.0	32.0	0.4
data6-7-39-04040.txt	7	6	39	34	1.5	34	34.0	10647	23519	1	8	0.0	32.3	0.6
data6-7-39-04041.txt	7	6	39	32	0.6	32	32.0	10647	23418	0	0	0.0	31.2	0.3
data6-7-39-04042.txt	7	6	39	31	0.7	31	31.0	10647	23491	0	0	0.0	31.0	0.5
data6-7-39-04043.txt	7	6	39	31	0.4	31	31.0	10647	23549	0	0	0.0	31.0	0.3
data6-7-39-04044.txt	7	6	39	28	0.5	28	28.0	10647	23666	0	0	0.0	28.0	0.3
data6-7-39-04045.txt	7	6	39	34	1.1	34	34.0	10647	23585	1	9	0.0	32.7	0.5
data6-7-39-04046.txt	7	6	39	29	2.1	29	29.0	10647	23514	57	1	0.0	26.0	0.5
data6-7-39-04047.txt	7	6	39	39	1.2	39	39.0	10647	23659	0	0	0.0	37.5	0.7
data6-7-39-04048.txt	7	6	39	36	1.0	36	36.0	10647	23561	1	24	0.0	35.0	0.5
data6-7-39-04049.txt	7	6	39	28	0.8	28	28.0	10647	23440	9	18	0.0	26.0	0.3
data6-7-39-04050.txt	7	6	39	29	9.5	29	29.0	10647	23721	2346	36	0.0	25.2	0.8
data6-7-39-04051.txt	7	6	39	33	0.9	33	33.0	10647	23358	1	10	0.0	30.0	0.3
data6-7-39-04052.txt	7	6	39	41	1.3	41	41.0	10647	23561	1	3	0.0	39.0	0.6
data6-7-39-04053.txt	7	6	39	38	1.3	38	38.0	10647	23838	1	27	0.0	36.0	0.8
data6-7-39-04054.txt	7	6	39	30	1.2	30	30.0	10647	23801	0	0	0.0	29.0	0.8
data6-7-39-04055.txt	7	6	39	39	3.8	39	39.0	10647	23755	539	31	0.0	35.5	0.5
data6-7-39-04056.txt	7	6	39	41	0.8	41	41.0	10647	23665	0	0	0.0	40.2	0.6
data6-7-39-04057.txt	7	6	39	26	0.5	26	26.0	10647	23498	0	0	0.0	24.8	0.3
data6-7-39-04058.txt	7	6	39	33	1.4	33	33.0	10647	23725	1	3	0.0	31.5	0.5
data6-7-39-04059.txt	7	6	39	32	0.5	32	32.0	10647	23703	0	0	0.0	32.0	0.4
data6-7-39-04060.txt	7	6	39	30	1.0	30	30.0	10647	23531	1	0	0.0	27.5	0.5
data6-7-39-04061.txt	7	6	39	39	11.7	39	39.0	10647	23770	240	49	0.0	35.5	0.7
data6-7-39-04062.txt	7	6	39	33	5.2	33	33.0	10647	23574	1052	56	0.0	29.0	0.6
data6-7-39-04063.txt	7	6	39	32	1.2	32	32.0	10647	23543	1	0	0.0	29.5	0.5
data6-7-39-04064.txt	7	6	39	28	0.8	28	28.0	10647	23594	0	4	0.0	26.5	0.4
data6-7-39-04065.txt	7	6	39	35	4.2	35	35.0	10647	23799	1	0	0.0	31.5	0.6
data6-7-39-04066.txt	7	6	39	29	0.6	29	29.0	10647	23537	0	8	0.0	28.0	0.3
data6-7-39-04067.txt	7	6	39	37	3.7	37	37.0	10647	23766	71	11	0.0	33.5	0.7
data6-7-39-04068.txt	7	6	39	33	0.9	33	33.0	10647	23621	1	49	0.0	32.0	0.4
data6-7-39-04069.txt	7	6	39	29	0.6	29	29.0	10647	23408	0	3	0.0	28.0	0.4
data6-7-39-04070.txt	7	6	39	31	0.6	31	31.0	10647	23634	1	7	0.0	30.0	0.3
data6-7-39-04071.txt	7	6	39	25	0.4	25	25.0	10647	23504	0	0	0.0	24.5	0.3
data6-7-39-04072.txt	7	6	39	27	0.6	27	27.0	10647	23336	0	0	0.0	25.5	0.4
data6-7-39-04073.txt	7	6	39	28	0.6	28	28.0	10647	23419	0	0	0.0	27.5	0.4
data6-7-39-04074.txt	7	6	39	32	2.7	32	32.0	10647	23712	18	0	0.0	29.5	0.4
data6-7-39-04075.txt	7	6	39	27	0.4	27	27.0	10647	23366	0	0	0.0	27.0	0.3
data6-7-39-04076.txt	7	6	39	31	0.4	31	31.0	10647	23706	0	0	0.0	31.0	0.3
data6-7-39-04077.txt	7	6	39	43	1.6	43	43.0	10647	23809	1	11	0.0	40.0	0.8
data6-7-39-04078.txt	7	6	39	28	1.1	28	28.0	10647	23484	0	0	0.0	26.5	0.8
data6-7-39-04079.txt	7	6	39	27	0.5	27	27.0	10647	23426	0	0	0.0	26.1	0.3
data6-7-39-04080.txt	7	6	39	37	3.7	37	37.0	10647	23698	236	64	0.0	35.0	0.5
data6-7-39-04081.txt	7	6	39	37	1.5	37	37.0	10647	23712	1	9	0.0	35.0	0.5
data6-7-39-04082.txt	7	6	39	38	0.7	38	38.0	10647	23648	0	0	0.0	38.0	0.4
data6-7-39-04083.txt	7	6	39	27	0.6	27	27.0	10647	23496	0	0	0.0	26.5	0.4
data6-7-39-04084.txt	7	6	39	33	2.6	33	33.0	10647	23637	281	53	0.0	29.5	0.3
data6-7-39-04085.txt	7	6	39	30	1.5	30	30.0	10647	23698	1	0	0.0	28.2	0.6
data6-7-39-04086.txt	7	6	39	40	9.5	40	40.0	10647	23844	1336	96	0.0	35.5	0.5
data6-7-39-04087.txt	7	6	39	29	5.4	29	29.0	10647	23493	566	0	0.0	25.0	0.6
data6-7-39-04088.txt	7	6	39	34	1.1	34	34.0	10647	23781	1	1	0.0	32.5	0.5
data6-7-39-04089.txt	7	6	39	36	1.7	36	36.0	10647	23653	1	7	0.0	34.0	0.5
data6-7-39-04090.txt	7	6	39	25	0.4	25	25.0	10647	23388	0	0	0.0	25.0	0.3
data6-7-39-04091.txt	7	6	39	35	1.4	35	35.0	10647	23585	1	3	0.0	33.0	0.4
data6-7-39-04092.txt	7	6	39	30	1.8	30	30.0	10647	23868	37	19	0.0	27.0	0.4
data6-7-39-04093.txt	7	6	39	33	1.2	33	33.0	10647	23542	1	14	0.0	32.0	0.5
data6-7-39-04094.txt	7	6	39	31	1.9	31	31.0	10647	23684	1	0	0.0	28.9	0.6
data6-7-39-04095.txt	7	6	39	39	37.0	39	39.0	10647	23837	1851	147	0.0	33.5	0.6
data6-7-39-04096.txt	7	6	39	29	0.4	29	29.0	10647	23588	1	16	0.0	27.0	0.2
data6-7-39-04097.txt	7	6	39	30	0.5	30	30.0	10647	23383	0	0	0.0	29.5	0.4
data6-7-39-04098.txt	7	6	39	31	0.4	31	31.0	10647	23471	0	2	0.0	30.0	0.3
data6-7-39-04099.txt	7	6	39	31	1.1	31	31.0	10647	23803	1	21	0.0	29.2	0.5
data6-7-39-04100.txt	7	6	39	30	0.7	30	30.0	10647	23659	1	10	0.0	29.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-40-04101.txt	7	6	40	31	0.6	31	31.0	11200	24726	0	2	0.0	30.0	0.4
data6-7-40-04102.txt	7	6	40	29	0.5	29	29.0	11200	24773	0	0	0.0	29.0	0.3
data6-7-40-04103.txt	7	6	40	35	24.2	35	35.0	11200	25010	3030	32	0.0	29.2	0.6
data6-7-40-04104.txt	7	6	40	29	0.4	29	29.0	11200	24569	0	0	0.0	29.0	0.3
data6-7-40-04105.txt	7	6	40	35	8.5	35	35.0	11200	24698	1820	3	0.0	31.0	0.6
data6-7-40-04106.txt	7	6	40	27	0.5	27	27.0	11200	24683	0	0	0.0	27.0	0.4
data6-7-40-04107.txt	7	6	40	35	0.8	35	35.0	11200	24732	1	17	0.0	33.0	0.4
data6-7-40-04108.txt	7	6	40	35	5.5	35	35.0	11200	24805	678	106	0.0	33.0	0.5
data6-7-40-04109.txt	7	6	40	36	0.5	36	36.0	11200	24756	1	24	0.0	34.0	0.3
data6-7-40-04110.txt	7	6	40	30	1.0	30	30.0	11200	24612	1	2	0.0	28.5	0.3
data6-7-40-04111.txt	7	6	40	31	0.6	31	31.0	11200	24866	0	0	0.0	30.2	0.4
data6-7-40-04112.txt	7	6	40	38	35.5	38	38.0	11200	24785	4864	49	0.0	35.0	0.5
data6-7-40-04113.txt	7	6	40	37	1.3	37	37.0	11200	24881	1	15	0.0	35.0	0.5
data6-7-40-04114.txt	7	6	40	31	1.7	31	31.0	11200	25000	1	1	0.0	28.8	0.5
data6-7-40-04115.txt	7	6	40	33	0.8	33	33.0	11200	24916	0	0	0.0	32.1	0.5
data6-7-40-04116.txt	7	6	40	29	0.9	29	29.0	11200	24784	1	8	0.0	27.0	0.4
data6-7-40-04117.txt	7	6	40	38	1.9	38	38.0	11200	24980	1	13	0.0	34.0	0.6
data6-7-40-04118.txt	7	6	40	23	0.4	23	23.0	11200	24426	0	0	0.0	23.0	0.2
data6-7-40-04119.txt	7	6	40	33	0.5	33	33.0	11200	24715	0	1	0.0	32.0	0.3
data6-7-40-04120.txt	7	6	40	27	0.4	27	27.0	11200	24538	1	1	0.0	25.5	0.2
data6-7-40-04121.txt	7	6	40	35	9.4	35	35.0	11200	24837	1230	77	0.0	28.5	0.4
data6-7-40-04122.txt	7	6	40	28	0.6	28	28.0	11200	24727	0	0	0.0	27.0	0.4
data6-7-40-04123.txt	7	6	40	35	0.6	35	35.0	11200	24968	0	0	0.0	34.5	0.5
data6-7-40-04124.txt	7	6	40	28	0.5	28	28.0	11200	24749	0	0	0.0	28.0	0.3
data6-7-40-04125.txt	7	6	40	27	0.6	27	27.0	11200	24836	0	0	0.0	25.5	0.4
data6-7-40-04126.txt	7	6	40	33	10.2	33	33.0	11200	24833	1613	44	0.0	28.5	0.5
data6-7-40-04127.txt	7	6	40	27	0.4	27	27.0	11200	24533	0	0	0.0	27.0	0.3
data6-7-40-04128.txt	7	6	40	30	0.9	30	30.0	11200	24795	1	1	0.0	28.0	0.5
data6-7-40-04129.txt	7	6	40	35	0.7	35	35.0	11200	24883	0	0	0.0	35.0	0.5
data6-7-40-04130.txt	7	6	40	35	2.2	35	35.0	11200	24884	72	5	0.0	31.0	0.4
data6-7-40-04131.txt	7	6	40	34	2.0	34	34.0	11200	25195	1	5	0.0	31.1	0.6
data6-7-40-04132.txt	7	6	40	36	0.6	36	36.0	11200	24813	0	0	0.0	35.1	0.4
data6-7-40-04133.txt	7	6	40	33	0.7	33	33.0	11200	24816	0	5	0.0	32.0	0.4
data6-7-40-04134.txt	7	6	40	30	0.9	30	30.0	11200	24635	1	0	0.0	27.5	0.4
data6-7-40-04135.txt	7	6	40	36	0.9	36	36.0	11200	24646	0	0	0.0	36.0	0.5
data6-7-40-04136.txt	7	6	40	37	19.1	37	37.0	11200	24925	1101	26	0.0	34.2	0.6
data6-7-40-04137.txt	7	6	40	39	1.1	39	39.0	11200	24829	1	3	0.0	37.5	0.7
data6-7-40-04138.txt	7	6	40	28	0.6	28	28.0	11200	24750	0	0	0.0	28.0	0.4
data6-7-40-04139.txt	7	6	40	25	0.4	25	25.0	11200	24723	0	0	0.0	24.5	0.3
data6-7-40-04140.txt	7	6	40	37	8.8	37	37.0	11200	24896	1349	20	0.0	32.2	0.6
data6-7-40-04141.txt	7	6	40	41	8.5	41	41.0	11200	24962	423	66	0.0	36.0	0.6
data6-7-40-04142.txt	7	6	40	31	0.7	31	31.0	11200	24654	1	1	0.0	29.0	0.3
data6-7-40-04143.txt	7	6	40	38	83.0	38	38.0	11200	24780	5685	310	0.0	32.5	0.6
data6-7-40-04144.txt	7	6	40	32	0.6	32	32.0	11200	24855	0	0	0.0	32.0	0.5
data6-7-40-04145.txt	7	6	40	21	0.4	21	21.0	11200	24481	0	0	0.0	21.0	0.3
data6-7-40-04146.txt	7	6	40	26	0.4	26	26.0	11200	24549	0	0	0.0	26.0	0.3
data6-7-40-04147.txt	7	6	40	29	0.8	29	29.0	11200	24650	0	0	0.0	27.5	0.4
data6-7-40-04148.txt	7	6	40	38	1.9	38	38.0	11200	24775	1	8	0.0	37.0	0.6
data6-7-40-04149.txt	7	6	40	31	0.5	31	31.0	11200	24765	0	0	0.0	31.0	0.3
data6-7-40-04150.txt	7	6	40	31	0.6	31	31.0	11200	24671	0	7	0.0	30.0	0.4
data6-7-40-04151.txt	7	6	40	27	0.4	27	27.0	11200	24558	0	0	0.0	26.5	0.3
data6-7-40-04152.txt	7	6	40	41	1.1	41	41.0	11200	24983	1	1	0.0	39.5	0.5
data6-7-40-04153.txt	7	6	40	24	0.5	24	24.0	11200	24474	0	0	0.0	24.0	0.3
data6-7-40-04154.txt	7	6	40	27	0.4	27	27.0	11200	24502	0	2	0.0	26.0	0.2
data6-7-40-04155.txt	7	6	40	33	2.1	33	33.0	11200	24743	1	0	0.0	31.0	0.5
data6-7-40-04156.txt	7	6	40	37	1.3	37	37.0	11200	24707	1	0	0.0	35.5	0.5
data6-7-40-04157.txt	7	6	40	34	1.0	34	34.0	11200	24773	1	1	0.0	31.5	0.3
data6-7-40-04158.txt	7	6	40	36	1.1	36	36.0	11200	24924	1	19	0.0	34.5	0.4
data6-7-40-04159.txt	7	6	40	41	1.3	41	41.0	11200	24994	1	0	0.0	40.0	0.6
data6-7-40-04160.txt	7	6	40	34	1.0	34	34.0	11200	24678	1	22	0.0	32.7	0.4
data6-7-40-04161.txt	7	6	40	35	5.8	35	35.0	11200	24832	403	10	0.0	32.3	0.6
data6-7-40-04162.txt	7	6	40	35	1.5	35	35.0	11200	24996	50	9	0.0	32.0	0.5
data6-7-40-04163.txt	7	6	40	30	0.9	30	30.0	11200	24824	1	2	0.0	28.0	0.4
data6-7-40-04164.txt	7	6	40	26	0.4	26	26.0	11200	24660	0	0	0.0	26.0	0.3
data6-7-40-04165.txt	7	6	40	31	1.7	31	31.0	11200	24864	3	8	0.0	28.5	0.4
data6-7-40-04166.txt	7	6	40	37	1.4	37	37.0	11200	24973	1	9	0.0	34.5	0.6
data6-7-40-04167.txt	7	6	40	27	0.4	27	27.0	11200	24596	0	0	0.0	26.5	0.3
data6-7-40-04168.txt	7	6	40	27	0.6	27	27.0	11200	24543	0	0	0.0	26.0	0.4
data6-7-40-04169.txt	7	6	40	32	0.9	32	32.0	11200	24867	1	4	0.0	29.7	0.5
data6-7-40-04170.txt	7	6	40	38	3.7	38	38.0	11200	24815	337	32	0.0	32.0	0.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-40-04171.txt	7	6	40	33	0.5	33	33.0	11200	24573	0	0	0.0	33.0	0.3
data6-7-40-04172.txt	7	6	40	44	2.8	44	44.0	11200	24939	100	50	0.0	42.0	0.7
data6-7-40-04173.txt	7	6	40	24	0.4	24	24.0	11200	24643	0	1	0.0	23.0	0.3
data6-7-40-04174.txt	7	6	40	36	0.5	36	36.0	11200	24913	0	1	0.0	35.0	0.3
data6-7-40-04175.txt	7	6	40	31	0.8	31	31.0	11200	24692	0	0	0.0	30.0	0.4
data6-7-40-04176.txt	7	6	40	30	2.1	30	30.0	11200	24870	193	18	0.0	27.0	0.4
data6-7-40-04177.txt	7	6	40	37	2.0	37	37.0	11200	25034	1	23	0.0	34.0	0.5
data6-7-40-04178.txt	7	6	40	39	4.6	39	39.0	11200	24745	382	18	0.0	35.8	0.5
data6-7-40-04179.txt	7	6	40	37	1.3	37	37.0	11200	24999	1	2	0.0	34.8	0.5
data6-7-40-04180.txt	7	6	40	40	14.4	40	40.0	11200	24891	1537	147	0.0	34.0	0.4
data6-7-40-04181.txt	7	6	40	34	1.9	34	34.0	11200	24734	156	39	0.0	31.0	0.4
data6-7-40-04182.txt	7	6	40	34	1.8	34	34.0	11200	25011	1	2	0.0	32.0	0.5
data6-7-40-04183.txt	7	6	40	37	1.7	37	37.0	11200	24745	1	0	0.0	34.0	0.6
data6-7-40-04184.txt	7	6	40	30	0.8	30	30.0	11200	24776	1	1	0.0	28.5	0.4
data6-7-40-04185.txt	7	6	40	32	0.7	32	32.0	11200	24916	0	0	0.0	31.5	0.5
data6-7-40-04186.txt	7	6	40	29	0.6	29	29.0	11200	24757	0	0	0.0	29.0	0.4
data6-7-40-04187.txt	7	6	40	28	1.9	28	28.0	11200	24769	13	1	0.0	25.0	0.4
data6-7-40-04188.txt	7	6	40	37	2.7	37	37.0	11200	24889	90	35	0.0	33.3	0.5
data6-7-40-04189.txt	7	6	40	35	0.7	35	35.0	11200	24732	0	0	0.0	35.0	0.4
data6-7-40-04190.txt	7	6	40	32	0.9	32	32.0	11200	24731	54	38	0.0	29.0	0.3
data6-7-40-04191.txt	7	6	40	28	0.5	28	28.0	11200	24574	0	0	0.0	28.0	0.3
data6-7-40-04192.txt	7	6	40	25	0.4	25	25.0	11200	24607	0	0	0.0	25.0	0.3
data6-7-40-04193.txt	7	6	40	38	1.1	38	38.0	11200	24725	1	3	0.0	36.0	0.4
data6-7-40-04194.txt	7	6	40	35	25.0	35	35.0	11200	24699	2682	74	0.0	32.0	0.5
data6-7-40-04195.txt	7	6	40	32	0.4	32	32.0	11200	24690	0	5	0.0	27.0	0.3
data6-7-40-04196.txt	7	6	40	28	0.6	28	28.0	11200	24688	0	0	0.0	28.0	0.3
data6-7-40-04197.txt	7	6	40	37	1.9	37	37.0	11200	24887	1	8	0.0	34.5	0.5
data6-7-40-04198.txt	7	6	40	28	0.4	28	28.0	11200	24587	0	0	0.0	28.0	0.3
data6-7-40-04199.txt	7	6	40	37	43.1	37	37.0	11200	24878	3272	143	0.0	31.7	0.6
data6-7-40-04200.txt	7	6	40	27	0.9	27	27.0	11200	24655	7	2	0.0	24.0	0.3
data6-7-41-04201.txt	7	6	41	32	2.1	32	32.0	11767	25951	140	49	0.0	30.0	0.4
data6-7-41-04202.txt	7	6	41	34	0.8	34	34.0	11767	26089	1	21	0.0	33.0	0.4
data6-7-41-04203.txt	7	6	41	29	0.8	29	29.0	11767	25943	0	0	0.0	27.8	0.4
data6-7-41-04204.txt	7	6	41	39	2.3	39	39.0	11767	26118	228	30	0.0	36.0	0.5
data6-7-41-04205.txt	7	6	41	31	1.1	31	31.0	11767	25800	1	14	0.0	28.5	0.3
data6-7-41-04206.txt	7	6	41	25	0.4	25	25.0	11767	25672	0	0	0.0	25.0	0.3
data6-7-41-04207.txt	7	6	41	43	27.5	43	43.0	11767	26272	1792	47	0.0	35.0	0.7
data6-7-41-04208.txt	7	6	41	32	2.3	32	32.0	11767	25660	184	41	0.0	28.5	0.3
data6-7-41-04209.txt	7	6	41	25	0.4	25	25.0	11767	25818	0	4	0.0	24.0	0.3
data6-7-41-04210.txt	7	6	41	32	0.4	32	32.0	11767	26202	0	0	0.0	32.0	0.3
data6-7-41-04211.txt	7	6	41	35	1.1	35	35.0	11767	26134	1	0	0.0	34.0	0.6
data6-7-41-04212.txt	7	6	41	30	0.9	30	30.0	11767	25884	1	2	0.0	29.0	0.4
data6-7-41-04213.txt	7	6	41	35	3.1	35	35.0	11767	26084	1	0	0.0	32.5	0.6
data6-7-41-04214.txt	7	6	41	31	2.1	31	31.0	11767	25841	29	9	0.0	27.5	0.4
data6-7-41-04215.txt	7	6	41	48	1.8	48	48.0	11767	26071	1	3	0.0	45.0	0.7
data6-7-41-04216.txt	7	6	41	42	1.7	42	42.0	11767	26203	1	0	0.0	40.0	0.7
data6-7-41-04217.txt	7	6	41	33	1.6	33	33.0	11767	26028	1	4	0.0	30.5	0.4
data6-7-41-04218.txt	7	6	41	34	0.5	34	34.0	11767	26145	0	0	0.0	33.5	0.3
data6-7-41-04219.txt	7	6	41	30	0.5	30	30.0	11767	25957	0	0	0.0	30.0	0.3
data6-7-41-04220.txt	7	6	41	23	0.4	23	23.0	11767	25824	0	1	0.0	22.0	0.3
data6-7-41-04221.txt	7	6	41	29	0.5	29	29.0	11767	25787	0	2	0.0	28.0	0.3
data6-7-41-04222.txt	7	6	41	32	1.2	32	32.0	11767	26026	1	10	0.0	29.5	0.5
data6-7-41-04223.txt	7	6	41	28	0.7	28	28.0	11767	25949	1	5	0.0	26.4	0.3
data6-7-41-04224.txt	7	6	41	35	0.7	35	35.0	11767	26043	1	32	0.0	33.0	0.4
data6-7-41-04225.txt	7	6	41	28	1.2	28	28.0	11767	25945	1	0	0.0	26.5	0.4
data6-7-41-04226.txt	7	6	41	30	0.9	30	30.0	11767	26072	1	13	0.0	28.0	0.4
data6-7-41-04227.txt	7	6	41	45	56.4	46	45.0	11767	26295	1850	197	0.0	40.0	0.9
data6-7-41-04228.txt	7	6	41	42	1.4	42	42.0	11767	26134	0	0	0.0	40.7	0.8
data6-7-41-04229.txt	7	6	41	37	13.8	37	37.0	11767	26089	2372	21	0.0	34.0	0.6
data6-7-41-04230.txt	7	6	41	40	0.9	40	40.0	11767	26151	1	23	0.0	39.0	0.5
data6-7-41-04231.txt	7	6	41	32	0.7	32	32.0	11767	25980	1	8	0.0	29.0	0.3
data6-7-41-04232.txt	7	6	41	44	15.3	44	44.0	11767	26379	1401	66	0.0	40.5	0.6
data6-7-41-04233.txt	7	6	41	40	1.8	40	40.0	11767	26004	1	22	0.0	36.0	0.4
data6-7-41-04234.txt	7	6	41	38	1.3	38	38.0	11767	26104	1	0	0.0	36.0	0.4
data6-7-41-04235.txt	7	6	41	28	0.7	28	28.0	11767	25964	0	0	0.0	27.0	0.4
data6-7-41-04236.txt	7	6	41	34	1.3	34	34.0	11767	26042	1	3	0.0	31.1	0.7
data6-7-41-04237.txt	7	6	41	33	5.4	33	33.0	11767	26005	356	76	0.0	28.8	0.6
data6-7-41-04238.txt	7	6	41	32	1.1	32	32.0	11767	26113	1	0	0.0	29.2	0.4
data6-7-41-04239.txt	7	6	41	32	0.8	32	32.0	11767	26020	1	8	0.0	31.0	0.4
data6-7-41-04240.txt	7	6	41	35	37.1	35	35.0	11767	26172	3425	86	0.0	31.2	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-7-41-04241.txt	7	6	41	40	19.1	40	40.0	11767	26045	1887	68	0.0	37.5	0.8
data6-7-41-04242.txt	7	6	41	34	10.7	34	34.0	11767	25909	1199	7	0.0	30.1	0.5
data6-7-41-04243.txt	7	6	41	36	2.5	36	36.0	11767	26156	9	0	0.0	33.1	0.6
data6-7-41-04244.txt	7	6	41	35	0.7	35	35.0	11767	26044	1	0	0.0	33.5	0.4
data6-7-41-04245.txt	7	6	41	28	0.5	28	28.0	11767	25824	0	0	0.0	27.5	0.4
data6-7-41-04246.txt	7	6	41	30	1.0	30	30.0	11767	26021	1	0	0.0	27.5	0.3
data6-7-41-04247.txt	7	6	41	24	0.4	24	24.0	11767	25835	0	0	0.0	24.0	0.3
data6-7-41-04248.txt	7	6	41	26	0.8	26	26.0	11767	25862	1	14	0.0	25.0	0.3
data6-7-41-04249.txt	7	6	41	45	11.6	45	45.0	11767	26074	766	165	0.0	41.5	0.5
data6-7-41-04250.txt	7	6	41	28	0.5	28	28.0	11767	25647	0	0	0.0	28.0	0.4
data6-7-41-04251.txt	7	6	41	33	1.4	33	33.0	11767	26037	20	4	0.0	31.0	0.3
data6-7-41-04252.txt	7	6	41	34	1.2	34	34.0	11767	26073	1	0	0.0	32.0	0.6
data6-7-41-04253.txt	7	6	41	32	0.6	32	32.0	11767	26001	0	0	0.0	32.0	0.4
data6-7-41-04254.txt	7	6	41	43	7.9	43	43.0	11767	26128	887	29	0.0	38.2	0.4
data6-7-41-04255.txt	7	6	41	32	1.5	32	32.0	11767	25915	1	4	0.0	29.4	0.5
data6-7-41-04256.txt	7	6	41	38	0.6	38	38.0	11767	26102	0	0	0.0	38.0	0.4
data6-7-41-04257.txt	7	6	41	44	47.8	44	44.0	11767	26292	2456	95	0.0	38.9	0.8
data6-7-41-04258.txt	7	6	41	46	58.1	46	46.0	11767	26091	2142	76	0.0	40.3	1.0
data6-7-41-04259.txt	7	6	41	42	1.7	42	42.0	11767	26068	2	21	0.0	39.0	0.7
data6-7-41-04260.txt	7	6	41	30	0.8	30	30.0	11767	26026	0	0	0.0	29.0	0.5
data6-7-41-04261.txt	7	6	41	40	14.3	40	40.0	11767	26168	2635	101	0.0	35.0	0.6
data6-7-41-04262.txt	7	6	41	31	0.6	31	31.0	11767	25685	1	7	0.0	29.0	0.3
data6-7-41-04263.txt	7	6	41	31	0.8	31	31.0	11767	26159	5	41	0.0	29.5	0.4
data6-7-41-04264.txt	7	6	41	31	0.7	31	31.0	11767	25945	0	0	0.0	29.5	0.5
data6-7-41-04265.txt	7	6	41	34	1.1	34	34.0	11767	26158	1	16	0.0	32.0	0.6
data6-7-41-04266.txt	7	6	41	27	0.5	27	27.0	11767	26056	0	0	0.0	27.0	0.3
data6-7-41-04267.txt	7	6	41	34	14.2	34	34.0	11767	26125	2245	65	0.0	31.0	0.4
data6-7-41-04268.txt	7	6	41	29	0.4	29	29.0	11767	26099	0	0	0.0	29.0	0.3
data6-7-41-04269.txt	7	6	41	38	0.8	38	38.0	11767	25986	0	0	0.0	37.7	0.6
data6-7-41-04270.txt	7	6	41	31	0.5	31	31.0	11767	25962	0	0	0.0	31.0	0.3
data6-7-41-04271.txt	7	6	41	28	0.4	28	28.0	11767	25901	0	0	0.0	28.0	0.3
data6-7-41-04272.txt	7	6	41	31	0.7	31	31.0	11767	25980	1	11	0.0	30.0	0.4
data6-7-41-04273.txt	7	6	41	32	1.6	32	32.0	11767	25951	1	5	0.0	30.0	0.4
data6-7-41-04274.txt	7	6	41	31	0.5	31	31.0	11767	26066	0	0	0.0	30.3	0.3
data6-7-41-04275.txt	7	6	41	34	1.6	34	34.0	11767	26098	1	0	0.0	32.0	0.4
data6-7-41-04276.txt	7	6	41	40	1.0	40	40.0	11767	26221	1	7	0.0	37.4	0.7
data6-7-41-04277.txt	7	6	41	30	0.6	30	30.0	11767	26083	0	0	0.0	29.5	0.4
data6-7-41-04278.txt	7	6	41	28	0.4	28	28.0	11767	25795	0	0	0.0	28.0	0.3
data6-7-41-04279.txt	7	6	41	38	353.5	38	38.0	11767	25932	85918	117	0.0	33.0	0.6
data6-7-41-04280.txt	7	6	41	27	1.6	27	27.0	11767	25903	15	6	0.0	23.5	0.3
data6-7-41-04281.txt	7	6	41	32	0.6	32	32.0	11767	26068	1	16	0.0	31.0	0.4
data6-7-41-04282.txt	7	6	41	39	3.4	39	39.0	11767	26075	277	18	0.0	35.5	0.5
data6-7-41-04283.txt	7	6	41	32	0.6	32	32.0	11767	25745	0	0	0.0	30.5	0.4
data6-7-41-04284.txt	7	6	41	40	3.9	40	40.0	11767	26100	106	32	0.0	36.2	0.7
data6-7-41-04285.txt	7	6	41	31	0.7	31	31.0	11767	25869	0	0	0.0	31.0	0.5
data6-7-41-04286.txt	7	6	41	32	0.6	32	32.0	11767	25979	0	0	0.0	32.0	0.4
data6-7-41-04287.txt	7	6	41	34	0.7	34	34.0	11767	25963	0	2	0.0	33.0	0.4
data6-7-41-04288.txt	7	6	41	38	1.1	38	38.0	11767	26081	1	2	0.0	36.3	0.4
data6-7-41-04289.txt	7	6	41	25	0.4	25	25.0	11767	25719	0	0	0.0	25.0	0.3
data6-7-41-04290.txt	7	6	41	34	0.6	34	34.0	11767	26010	0	0	0.0	33.5	0.4
data6-7-41-04291.txt	7	6	41	27	0.4	27	27.0	11767	25825	0	0	0.0	27.0	0.3
data6-7-41-04292.txt	7	6	41	32	0.6	32	32.0	11767	26028	0	0	0.0	31.0	0.4
data6-7-41-04293.txt	7	6	41	31	0.4	31	31.0	11767	25769	0	0	0.0	31.0	0.3
data6-7-41-04294.txt	7	6	41	39	32.6	39	39.0	11767	26035	2408	117	0.0	36.0	0.5
data6-7-41-04295.txt	7	6	41	32	1.3	32	32.0	11767	26064	1	2	0.0	30.0	0.4
data6-7-41-04296.txt	7	6	41	30	0.7	30	30.0	11767	25838	1	1	0.0	28.2	0.3
data6-7-41-04297.txt	7	6	41	36	1.4	36	36.0	11767	25928	21	10	0.0	33.3	0.4
data6-7-41-04298.txt	7	6	41	33	0.8	33	33.0	11767	26180	1	18	0.0	32.0	0.5
data6-7-41-04299.txt	7	6	41	32	0.6	32	32.0	11767	25889	0	0	0.0	30.5	0.4
data6-7-41-04300.txt	7	6	41	31	2.3	31	31.0	11767	26124	22	14	0.0	28.7	0.5
data6-8-42-06201.txt	8	6	42	27	0.7	27	27.0	14112	31059	0	0	0.0	26.5	0.6
data6-8-42-06202.txt	8	6	42	33	12.9	33	33.0	14112	31298	540	0	0.0	26.5	0.6
data6-8-42-06203.txt	8	6	42	33	1.2	33	33.0	14112	31169	0	0	0.0	33.0	1.0
data6-8-42-06204.txt	8	6	42	27	0.7	27	27.0	14112	31021	0	0	0.0	26.0	0.4
data6-8-42-06205.txt	8	6	42	25	0.5	25	25.0	14112	30856	0	0	0.0	24.5	0.4
data6-8-42-06206.txt	8	6	42	32	1.1	32	32.0	14112	30993	1	1	0.0	30.0	0.5
data6-8-42-06207.txt	8	6	42	30	0.8	30	30.0	14112	31171	0	0	0.0	29.5	0.5
data6-8-42-06208.txt	8	6	42	28	0.9	28	28.0	14112	31145	0	0	0.0	26.5	0.4
data6-8-42-06209.txt	8	6	42	33	0.8	33	33.0	14112	30771	0	0	0.0	31.5	0.4
data6-8-42-06210.txt	8	6	42	30	1.7	30	30.0	14112	31378	1	2	0.0	28.5	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-42-06211.txt	8	6	42	29	0.7	29	29.0	14112	31122	0	0	0.0	29.0	0.5
data6-8-42-06212.txt	8	6	42	33	4.1	33	33.0	14112	31529	1	3	0.0	28.9	0.8
data6-8-42-06213.txt	8	6	42	29	1.0	29	29.0	14112	31113	0	0	0.0	27.5	0.6
data6-8-42-06214.txt	8	6	42	25	0.6	25	25.0	14112	30967	0	0	0.0	25.0	0.4
data6-8-42-06215.txt	8	6	42	33	0.8	33	33.0	14112	31084	0	0	0.0	33.0	0.6
data6-8-42-06216.txt	8	6	42	33	1.0	33	33.0	14112	31310	0	0	0.0	33.0	0.6
data6-8-42-06217.txt	8	6	42	37	14.5	37	37.0	14112	31335	980	12	0.0	32.5	0.7
data6-8-42-06218.txt	8	6	42	25	0.7	25	25.0	14112	30938	0	0	0.0	24.0	0.4
data6-8-42-06219.txt	8	6	42	27	0.8	27	27.0	14112	30896	1	0	0.0	25.0	0.4
data6-8-42-06220.txt	8	6	42	28	0.6	28	28.0	14112	30996	1	4	0.0	27.0	0.3
data6-8-42-06221.txt	8	6	42	32	2.8	32	32.0	14112	31077	1	0	0.0	29.5	0.8
data6-8-42-06222.txt	8	6	42	40	4.4	40	40.0	14112	31404	1	0	0.0	36.0	1.3
data6-8-42-06223.txt	8	6	42	29	0.7	29	29.0	14112	31105	0	0	0.0	29.0	0.5
data6-8-42-06224.txt	8	6	42	27	0.7	27	27.0	14112	30718	0	0	0.0	26.0	0.6
data6-8-42-06225.txt	8	6	42	34	24.9	34	34.0	14112	31493	1098	5	0.0	29.5	0.8
data6-8-42-06226.txt	8	6	42	30	0.8	30	30.0	14112	30938	0	0	0.0	29.0	0.4
data6-8-42-06227.txt	8	6	42	27	0.6	27	27.0	14112	31167	0	0	0.0	27.0	0.5
data6-8-42-06228.txt	8	6	42	34	2.3	34	34.0	14112	31070	3	0	0.0	30.5	0.6
data6-8-42-06229.txt	8	6	42	29	0.7	29	29.0	14112	31146	0	5	0.0	28.0	0.5
data6-8-42-06230.txt	8	6	42	30	0.5	30	30.0	14112	30823	0	0	0.0	30.0	0.4
data6-8-42-06231.txt	8	6	42	34	0.8	34	34.0	14112	31186	0	0	0.0	33.5	0.6
data6-8-42-06232.txt	8	6	42	39	118.3	39	39.0	14112	31357	2022	8	0.0	36.0	1.1
data6-8-42-06233.txt	8	6	42	32	2.2	32	32.0	14112	31287	1	8	0.0	29.5	0.7
data6-8-42-06234.txt	8	6	42	32	0.8	32	32.0	14112	30840	0	0	0.0	31.0	0.4
data6-8-42-06235.txt	8	6	42	37	1.1	37	37.0	14112	31483	0	0	0.0	36.5	0.9
data6-8-42-06236.txt	8	6	42	25	0.5	25	25.0	14112	30830	0	0	0.0	25.0	0.3
data6-8-42-06237.txt	8	6	42	32	1.0	32	32.0	14112	30999	0	0	0.0	32.0	0.7
data6-8-42-06238.txt	8	6	42	32	0.9	32	32.0	14112	31511	0	0	0.0	31.2	0.6
data6-8-42-06239.txt	8	6	42	36	29.8	36	36.0	14112	31215	2247	0	0.0	32.5	1.0
data6-8-42-06240.txt	8	6	42	32	1.2	32	32.0	14112	31099	0	0	0.0	31.0	0.8
data6-8-42-06241.txt	8	6	42	25	0.6	25	25.0	14112	30828	0	1	0.0	24.0	0.4
data6-8-42-06242.txt	8	6	42	28	0.6	28	28.0	14112	30984	0	0	0.0	28.0	0.4
data6-8-42-06243.txt	8	6	42	31	0.8	31	31.0	14112	31237	0	0	0.0	31.0	0.7
data6-8-42-06244.txt	8	6	42	31	0.7	31	31.0	14112	31006	0	0	0.0	31.0	0.5
data6-8-42-06245.txt	8	6	42	37	3.9	37	37.0	14112	31038	1	0	0.0	34.0	1.2
data6-8-42-06246.txt	8	6	42	32	1.5	32	32.0	14112	31163	1	1	0.0	30.0	0.5
data6-8-42-06247.txt	8	6	42	34	8.5	34	34.0	14112	30992	1586	34	0.0	29.0	0.7
data6-8-42-06248.txt	8	6	42	27	0.7	27	27.0	14112	31115	0	0	0.0	27.0	0.5
data6-8-42-06249.txt	8	6	42	28	1.1	28	28.0	14112	31042	1	4	0.0	26.0	0.4
data6-8-42-06250.txt	8	6	42	33	2.4	33	33.0	14112	31351	1	0	0.0	31.5	1.0
data6-8-42-06251.txt	8	6	42	32	2.0	32	32.0	14112	31145	1	23	0.0	30.3	0.7
data6-8-42-06252.txt	8	6	42	36	2.1	36	36.0	14112	31279	1	0	0.0	34.0	0.8
data6-8-42-06253.txt	8	6	42	33	1.1	33	33.0	14112	31387	1	0	0.0	30.0	0.6
data6-8-42-06254.txt	8	6	42	35	1.1	35	35.0	14112	31488	0	0	0.0	35.0	0.8
data6-8-42-06255.txt	8	6	42	31	1.0	31	31.0	14112	30908	0	0	0.0	31.0	0.7
data6-8-42-06256.txt	8	6	42	27	0.8	27	27.0	14112	31381	0	0	0.0	26.5	0.6
data6-8-42-06257.txt	8	6	42	35	28.7	35	35.0	14112	31154	2100	0	0.0	31.0	0.9
data6-8-42-06258.txt	8	6	42	35	2.9	35	35.0	14112	31404	49	25	0.0	32.0	0.6
data6-8-42-06259.txt	8	6	42	29	0.7	29	29.0	14112	31134	0	0	0.0	29.0	0.6
data6-8-42-06260.txt	8	6	42	32	1.3	32	32.0	14112	31080	1	1	0.0	28.0	0.5
data6-8-42-06261.txt	8	6	42	22	0.5	22	22.0	14112	31063	0	0	0.0	21.7	0.4
data6-8-42-06262.txt	8	6	42	31	1.0	31	31.0	14112	31098	0	0	0.0	30.0	0.5
data6-8-42-06263.txt	8	6	42	29	1.0	29	29.0	14112	31086	0	0	0.0	28.0	0.6
data6-8-42-06264.txt	8	6	42	24	0.8	24	24.0	14112	30841	0	5	0.0	23.0	0.4
data6-8-42-06265.txt	8	6	42	34	1.9	34	34.0	14112	31374	1	9	0.0	30.9	0.5
data6-8-42-06266.txt	8	6	42	20	0.5	20	20.0	14112	30712	0	0	0.0	20.0	0.4
data6-8-42-06267.txt	8	6	42	36	1.6	36	36.0	14112	31031	1	25	0.0	35.0	0.7
data6-8-42-06268.txt	8	6	42	31	1.4	31	31.0	14112	31217	1	3	0.0	29.5	0.5
data6-8-42-06269.txt	8	6	42	32	1.0	32	32.0	14112	31210	0	0	0.0	31.0	0.7
data6-8-42-06270.txt	8	6	42	33	1.7	33	33.0	14112	31159	1	7	0.0	31.5	0.7
data6-8-42-06271.txt	8	6	42	31	1.4	31	31.0	14112	31377	0	0	0.0	29.5	0.8
data6-8-42-06272.txt	8	6	42	29	0.7	29	29.0	14112	31022	0	0	0.0	28.5	0.5
data6-8-42-06273.txt	8	6	42	35	1.1	35	35.0	14112	31286	0	0	0.0	34.5	0.8
data6-8-42-06274.txt	8	6	42	35	17.9	35	35.0	14112	31489	670	0	0.0	31.5	1.0
data6-8-42-06275.txt	8	6	42	32	1.4	32	32.0	14112	31131	1	5	0.0	28.5	0.4
data6-8-42-06276.txt	8	6	42	26	0.6	26	26.0	14112	30727	0	0	0.0	25.0	0.4
data6-8-42-06277.txt	8	6	42	27	0.7	27	27.0	14112	30962	0	0	0.0	26.0	0.5
data6-8-42-06278.txt	8	6	42	32	3.2	32	32.0	14112	31307	4	3	0.0	30.0	0.6
data6-8-42-06279.txt	8	6	42	27	0.5	27	27.0	14112	30983	0	0	0.0	27.0	0.4
data6-8-42-06280.txt	8	6	42	30	0.7	30	30.0	14112	30783	1	0	0.0	28.2	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-42-06281.txt	8	6	42	38	3.6	38	38.0	14112	31255	1	0	0.0	34.5	1.0
data6-8-42-06282.txt	8	6	42	35	1.3	35	35.0	14112	31326	0	0	0.0	33.5	0.7
data6-8-42-06283.txt	8	6	42	37	5.1	37	37.0	14112	31355	1	0	0.0	34.5	1.0
data6-8-42-06284.txt	8	6	42	32	9.7	32	32.0	14112	31326	867	42	0.0	29.5	0.7
data6-8-42-06285.txt	8	6	42	35	4.1	35	35.0	14112	31487	1	8	0.0	32.0	1.1
data6-8-42-06286.txt	8	6	42	31	0.7	31	31.0	14112	30865	0	2	0.0	30.0	0.4
data6-8-42-06287.txt	8	6	42	37	5.3	38	37.0	14112	31188	10	18	0.0	35.1	0.8
data6-8-42-06288.txt	8	6	42	27	0.6	27	27.0	14112	31210	0	0	0.0	26.2	0.4
data6-8-42-06289.txt	8	6	42	35	28.4	35	35.0	14112	31413	1450	14	0.0	30.5	0.9
data6-8-42-06290.txt	8	6	42	34	3.5	34	34.0	14112	31164	1	2	0.0	30.5	0.7
data6-8-42-06291.txt	8	6	42	27	0.8	27	27.0	14112	30913	1	5	0.0	26.0	0.4
data6-8-42-06292.txt	8	6	42	32	2.0	32	32.0	14112	31170	1	19	0.0	31.0	0.8
data6-8-42-06293.txt	8	6	42	37	53.8	37	37.0	14112	31530	1700	26	0.0	33.4	0.7
data6-8-42-06294.txt	8	6	42	39	17.6	39	39.0	14112	31279	1097	56	0.0	33.5	0.7
data6-8-42-06295.txt	8	6	42	39	3.0	39	39.0	14112	31527	1	0	0.0	35.0	1.0
data6-8-42-06296.txt	8	6	42	37	2.5	37	37.0	14112	31405	9	33	0.0	34.5	0.8
data6-8-42-06297.txt	8	6	42	34	1.3	34	34.0	14112	31257	1	0	0.0	32.0	0.6
data6-8-42-06298.txt	8	6	42	24	0.4	24	24.0	14112	30873	0	0	0.0	24.0	0.3
data6-8-42-06299.txt	8	6	42	32	0.9	32	32.0	14112	31168	0	0	0.0	32.0	0.6
data6-8-42-06300.txt	8	6	42	29	0.8	29	29.0	14112	31037	0	0	0.0	28.1	0.5
data6-8-43-06301.txt	8	6	43	35	1.8	35	35.0	14792	32529	0	0	0.0	34.0	0.9
data6-8-43-06302.txt	8	6	43	34	0.8	34	34.0	14792	32945	0	0	0.0	34.0	0.7
data6-8-43-06303.txt	8	6	43	35	7.3	35	35.0	14792	32751	397	6	0.0	29.5	0.6
data6-8-43-06304.txt	8	6	43	34	1.0	34	34.0	14792	32883	0	0	0.0	34.0	0.8
data6-8-43-06305.txt	8	6	43	31	0.9	31	31.0	14792	32724	1	0	0.0	29.0	0.4
data6-8-43-06306.txt	8	6	43	40	6.2	40	40.0	14792	32929	188	10	0.0	35.7	0.9
data6-8-43-06307.txt	8	6	43	32	1.8	32	32.0	14792	32643	1	0	0.0	31.0	0.6
data6-8-43-06308.txt	8	6	43	26	0.7	26	26.0	14792	32301	0	0	0.0	26.0	0.4
data6-8-43-06309.txt	8	6	43	29	0.8	29	29.0	14792	32495	0	0	0.0	29.0	0.5
data6-8-43-06310.txt	8	6	43	38	10.5	38	38.0	14792	32953	375	0	0.0	32.5	0.9
data6-8-43-06311.txt	8	6	43	34	1.0	34	34.0	14792	32608	1	5	0.0	33.0	0.5
data6-8-43-06312.txt	8	6	43	38	1.2	38	38.0	14792	32940	0	0	0.0	36.5	0.8
data6-8-43-06313.txt	8	6	43	35	2.8	35	35.0	14792	32715	85	39	0.0	31.8	0.6
data6-8-43-06314.txt	8	6	43	35	1.8	35	35.0	14792	32599	52	101	0.0	33.0	0.8
data6-8-43-06315.txt	8	6	43	33	2.8	33	33.0	14792	32662	1	2	0.0	30.5	0.9
data6-8-43-06316.txt	8	6	43	33	2.5	33	33.0	14792	32792	6	4	0.0	30.5	0.7
data6-8-43-06317.txt	8	6	43	29	0.9	29	29.0	14792	32699	0	0	0.0	28.7	0.6
data6-8-43-06318.txt	8	6	43	31	1.1	31	31.0	14792	32497	0	0	0.0	30.0	0.6
data6-8-43-06319.txt	8	6	43	30	1.0	30	30.0	14792	32723	0	0	0.0	29.5	0.7
data6-8-43-06320.txt	8	6	43	38	148.7	38	38.0	14792	32963	1353	111	0.0	34.0	0.9
data6-8-43-06321.txt	8	6	43	29	0.9	29	29.0	14792	32593	0	0	0.0	29.0	0.6
data6-8-43-06322.txt	8	6	43	33	3.1	33	33.0	14792	32727	1	0	0.0	30.5	0.7
data6-8-43-06323.txt	8	6	43	38	21.2	38	38.0	14792	32713	1202	0	0.0	34.0	0.7
data6-8-43-06324.txt	8	6	43	45	5.0	45	45.0	14792	32972	1	46	0.0	39.5	1.1
data6-8-43-06325.txt	8	6	43	36	0.9	36	36.0	14792	32797	0	0	0.0	36.0	0.6
data6-8-43-06326.txt	8	6	43	35	1.0	35	35.0	14792	32475	0	0	0.0	34.5	0.7
data6-8-43-06327.txt	8	6	43	35	1.2	35	35.0	14792	32402	1	19	0.0	33.0	0.5
data6-8-43-06328.txt	8	6	43	32	1.3	32	32.0	14792	32688	0	0	0.0	30.8	0.8
data6-8-43-06329.txt	8	6	43	34	0.7	34	34.0	14792	32660	0	0	0.0	34.0	0.5
data6-8-43-06330.txt	8	6	43	39	7.7	39	39.0	14792	32723	145	2	0.0	35.8	1.0
data6-8-43-06331.txt	8	6	43	37	37.0	37	37.0	14792	32741	1087	1	0.0	32.3	1.1
data6-8-43-06332.txt	8	6	43	41	3.3	41	41.0	14792	32868	5	2	0.0	38.0	1.1
data6-8-43-06333.txt	8	6	43	35	1.9	35	35.0	14792	32597	1	10	0.0	32.4	0.6
data6-8-43-06334.txt	8	6	43	33	2.2	33	33.0	14792	32630	95	0	0.0	31.2	0.8
data6-8-43-06335.txt	8	6	43	33	1.3	33	33.0	14792	32608	0	0	0.0	32.0	0.6
data6-8-43-06336.txt	8	6	43	29	0.9	29	29.0	14792	32575	1	12	0.0	28.0	0.5
data6-8-43-06337.txt	8	6	43	41	3.9	41	41.0	14792	33058	45	28	0.0	38.2	0.8
data6-8-43-06338.txt	8	6	43	36	4.0	36	36.0	14792	33054	66	17	0.0	32.5	0.9
data6-8-43-06339.txt	8	6	43	33	0.8	33	33.0	14792	32522	0	0	0.0	32.5	0.6
data6-8-43-06340.txt	8	6	43	36	1.8	36	36.0	14792	32510	1	3	0.0	34.0	0.6
data6-8-43-06341.txt	8	6	43	40	6.5	40	40.0	14792	33024	158	40	0.0	36.0	0.9
data6-8-43-06342.txt	8	6	43	28	0.7	28	28.0	14792	32368	0	0	0.0	27.5	0.5
data6-8-43-06343.txt	8	6	43	36	2.4	36	36.0	14792	32611	1	24	0.0	35.0	1.1
data6-8-43-06344.txt	8	6	43	31	1.2	31	31.0	14792	32541	0	0	0.0	30.0	0.7
data6-8-43-06345.txt	8	6	43	32	1.8	32	32.0	14792	32598	0	0	0.0	31.0	0.8
data6-8-43-06346.txt	8	6	43	31	2.4	31	31.0	14792	32908	15	16	0.0	29.0	0.7
data6-8-43-06347.txt	8	6	43	35	2.9	35	35.0	14792	32897	1	0	0.0	31.5	0.7
data6-8-43-06348.txt	8	6	43	27	0.7	27	27.0	14792	32479	0	0	0.0	27.0	0.4
data6-8-43-06349.txt	8	6	43	33	2.9	33	33.0	14792	32557	28	10	0.0	30.0	0.4
data6-8-43-06350.txt	8	6	43	38	6.6	38	38.0	14792	32392	111	1	0.0	34.0	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-43-06351.txt	8	6	43	28	1.4	28	28.0	14792	32422	1	1	0.0	25.0	0.6
data6-8-43-06352.txt	8	6	43	34	1.5	34	34.0	14792	32566	0	0	0.0	32.5	0.7
data6-8-43-06353.txt	8	6	43	36	7.4	36	36.0	14792	32842	228	10	0.0	30.5	0.8
data6-8-43-06354.txt	8	6	43	34	1.0	34	34.0	14792	32826	0	0	0.0	33.5	0.6
data6-8-43-06355.txt	8	6	43	37	8.7	38	37.0	14792	32536	312	11	0.0	34.5	0.8
data6-8-43-06356.txt	8	6	43	38	2.6	38	38.0	14792	32837	1	6	0.0	36.0	0.7
data6-8-43-06357.txt	8	6	43	45	7.2	45	45.0	14792	32940	89	2	0.0	42.0	1.7
data6-8-43-06358.txt	8	6	43	29	0.7	29	29.0	14792	32577	0	0	0.0	29.0	0.5
data6-8-43-06359.txt	8	6	43	33	1.0	33	33.0	14792	32692	0	0	0.0	32.2	0.7
data6-8-43-06360.txt	8	6	43	30	1.3	30	30.0	14792	32006	1	7	0.0	28.0	0.5
data6-8-43-06361.txt	8	6	43	27	0.7	27	27.0	14792	32326	0	0	0.0	27.0	0.5
data6-8-43-06362.txt	8	6	43	33	1.1	33	33.0	14792	32604	0	0	0.0	32.1	0.7
data6-8-43-06363.txt	8	6	43	34	0.8	34	34.0	14792	32748	0	0	0.0	34.0	0.5
data6-8-43-06364.txt	8	6	43	29	0.8	29	29.0	14792	32656	0	0	0.0	29.0	0.6
data6-8-43-06365.txt	8	6	43	27	0.9	27	27.0	14792	32532	0	0	0.0	26.5	0.6
data6-8-43-06366.txt	8	6	43	38	1.6	38	38.0	14792	32506	1	11	0.0	37.0	0.9
data6-8-43-06367.txt	8	6	43	36	219.5	36	36.0	14792	32783	11439	45	0.0	32.0	0.8
data6-8-43-06368.txt	8	6	43	29	0.9	29	29.0	14792	32737	0	4	0.0	28.0	0.5
data6-8-43-06369.txt	8	6	43	44	44.2	44	44.0	14792	33018	1127	13	0.0	36.5	0.9
data6-8-43-06370.txt	8	6	43	29	2.7	29	29.0	14792	32846	9	23	0.0	26.0	0.5
data6-8-43-06371.txt	8	6	43	41	60.0	41	41.0	14792	32790	2114	20	0.0	36.5	0.8
data6-8-43-06372.txt	8	6	43	36	1.2	36	36.0	14792	32769	0	0	0.0	35.3	0.8
data6-8-43-06373.txt	8	6	43	39	12.1	39	39.0	14792	32847	2378	70	0.0	36.0	0.8
data6-8-43-06374.txt	8	6	43	32	1.0	32	32.0	14792	32555	0	0	0.0	32.0	0.7
data6-8-43-06375.txt	8	6	43	29	1.4	29	29.0	14792	32668	1	4	0.0	27.5	0.5
data6-8-43-06376.txt	8	6	43	35	1.5	35	35.0	14792	32942	1	20	0.0	34.0	0.7
data6-8-43-06377.txt	8	6	43	29	1.0	29	29.0	14792	32369	0	0	0.0	29.0	0.7
data6-8-43-06378.txt	8	6	43	33	1.1	33	33.0	14792	32726	0	0	0.0	33.0	0.7
data6-8-43-06379.txt	8	6	43	33	18.9	33	33.0	14792	32672	2885	103	0.0	30.5	0.7
data6-8-43-06380.txt	8	6	43	34	3.4	34	34.0	14792	32889	1	37	0.0	31.0	0.8
data6-8-43-06381.txt	8	6	43	39	2.8	39	39.0	14792	32885	9	41	0.0	36.0	0.7
data6-8-43-06382.txt	8	6	43	34	1.1	34	34.0	14792	32663	0	0	0.0	33.5	0.7
data6-8-43-06383.txt	8	6	43	35	0.9	35	35.0	14792	32576	0	0	0.0	35.0	0.6
data6-8-43-06384.txt	8	6	43	30	0.6	30	30.0	14792	32635	0	1	0.0	29.0	0.4
data6-8-43-06385.txt	8	6	43	34	3.3	34	34.0	14792	32826	15	5	0.0	30.3	0.8
data6-8-43-06386.txt	8	6	43	28	0.6	28	28.0	14792	32558	0	0	0.0	28.0	0.4
data6-8-43-06387.txt	8	6	43	36	2.8	36	36.0	14792	32699	107	52	0.0	34.2	0.9
data6-8-43-06388.txt	8	6	43	41	2.8	41	41.0	14792	32821	1	6	0.0	38.0	0.9
data6-8-43-06389.txt	8	6	43	36	2.0	36	36.0	14792	32903	1	2	0.0	34.3	0.8
data6-8-43-06390.txt	8	6	43	31	1.9	31	31.0	14792	32507	1	9	0.0	30.0	0.8
data6-8-43-06391.txt	8	6	43	32	0.8	32	32.0	14792	32376	1	3	0.0	29.5	0.4
data6-8-43-06392.txt	8	6	43	29	0.6	29	29.0	14792	32523	0	0	0.0	28.5	0.4
data6-8-43-06393.txt	8	6	43	33	2.4	33	33.0	14792	32757	5	14	0.0	29.5	0.6
data6-8-43-06394.txt	8	6	43	35	5.1	35	35.0	14792	32885	164	65	0.0	31.5	0.6
data6-8-43-06395.txt	8	6	43	35	1.2	35	35.0	14792	32663	0	0	0.0	35.0	0.8
data6-8-43-06396.txt	8	6	43	34	1.0	34	34.0	14792	32423	0	0	0.0	32.2	0.5
data6-8-43-06397.txt	8	6	43	36	2.8	36	36.0	14792	32827	1	3	0.0	32.0	1.0
data6-8-43-06398.txt	8	6	43	35	1.1	35	35.0	14792	32689	1	5	0.0	33.0	0.7
data6-8-43-06399.txt	8	6	43	36	0.8	36	36.0	14792	32538	0	3	0.0	33.0	0.5
data6-8-43-06400.txt	8	6	43	31	2.0	31	31.0	14792	32561	1	0	0.0	29.0	0.8
data6-8-44-06401.txt	8	6	44	42	29.2	43	42.0	15488	34614	969	67	0.0	37.0	1.2
data6-8-44-06402.txt	8	6	44	34	0.7	34	34.0	15488	33901	0	0	0.0	33.5	0.5
data6-8-44-06403.txt	8	6	44	32	1.1	32	32.0	15488	34224	0	0	0.0	32.0	0.8
data6-8-44-06404.txt	8	6	44	27	1.2	27	27.0	15488	34040	22	34	0.0	25.5	0.5
data6-8-44-06405.txt	8	6	44	42	2.4	42	42.0	15488	34368	1	0	0.0	40.7	1.4
data6-8-44-06406.txt	8	6	44	25	0.7	25	25.0	15488	33940	0	0	0.0	25.0	0.5
data6-8-44-06407.txt	8	6	44	24	0.5	24	24.0	15488	33705	0	0	0.0	24.0	0.3
data6-8-44-06408.txt	8	6	44	41	2.1	41	41.0	15488	34396	0	1	0.0	39.5	1.0
data6-8-44-06409.txt	8	6	44	26	0.6	26	26.0	15488	34019	0	5	0.0	25.0	0.4
data6-8-44-06410.txt	8	6	44	32	1.4	32	32.0	15488	34061	1	1	0.0	30.0	0.5
data6-8-44-06411.txt	8	6	44	31	1.4	31	31.0	15488	34204	1	2	0.0	29.5	0.6
data6-8-44-06412.txt	8	6	44	41	11.3	41	41.0	15488	34211	725	29	0.0	34.2	0.8
data6-8-44-06413.txt	8	6	44	35	1.2	35	35.0	15488	34419	0	5	0.0	33.0	0.7
data6-8-44-06414.txt	8	6	44	35	2.5	35	35.0	15488	34406	1	7	0.0	33.0	1.2
data6-8-44-06415.txt	8	6	44	41	7.3	41	41.0	15488	34578	3827	66	0.0	38.0	1.0
data6-8-44-06416.txt	8	6	44	38	1.7	38	38.0	15488	33931	1	14	0.0	36.0	0.7
data6-8-44-06417.txt	8	6	44	24	0.7	24	24.0	15488	33887	0	0	0.0	23.8	0.4
data6-8-44-06418.txt	8	6	44	39	0.9	39	39.0	15488	34104	0	0	0.0	39.0	0.6
data6-8-44-06419.txt	8	6	44	29	0.8	29	29.0	15488	34264	0	1	0.0	28.0	0.6
data6-8-44-06420.txt	8	6	44	36	1.7	36	36.0	15488	34244	1	76	0.0	34.0	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-44-06421.txt	8	6	44	38	11.0	38	38.0	15488	34393	146	78	0.0	34.9	1.2
data6-8-44-06422.txt	8	6	44	32	5.4	32	32.0	15488	34186	569	14	0.0	29.2	0.6
data6-8-44-06423.txt	8	6	44	39	2.2	39	39.0	15488	34182	1	14	0.0	36.0	0.8
data6-8-44-06424.txt	8	6	44	28	0.7	28	28.0	15488	34063	0	0	0.0	28.0	0.4
data6-8-44-06425.txt	8	6	44	35	1.9	35	35.0	15488	33799	1	0	0.0	34.0	0.6
data6-8-44-06426.txt	8	6	44	33	1.7	33	33.0	15488	33831	1	11	0.0	31.0	0.5
data6-8-44-06427.txt	8	6	44	30	1.7	30	30.0	15488	34365	1	4	0.0	28.0	0.6
data6-8-44-06428.txt	8	6	44	33	2.0	33	33.0	15488	34286	1	2	0.0	30.5	0.7
data6-8-44-06429.txt	8	6	44	38	10.2	38	38.0	15488	34576	689	42	0.0	35.0	1.1
data6-8-44-06430.txt	8	6	44	37	1.4	37	37.0	15488	34376	1	14	0.0	36.0	0.7
data6-8-44-06431.txt	8	6	44	31	1.3	31	31.0	15488	33895	1	0	0.0	29.5	0.7
data6-8-44-06432.txt	8	6	44	36	3.1	36	36.0	15488	34358	1	42	0.0	32.0	0.8
data6-8-44-06433.txt	8	6	44	43	44.2	43	43.0	15488	34438	1097	8	0.0	35.8	0.8
data6-8-44-06434.txt	8	6	44	37	2.5	37	37.0	15488	34280	4	9	0.0	35.0	0.7
data6-8-44-06435.txt	8	6	44	41	4.8	41	41.0	15488	34159	42	47	0.0	39.0	0.9
data6-8-44-06436.txt	8	6	44	25	0.6	25	25.0	15488	33668	0	0	0.0	24.5	0.4
data6-8-44-06437.txt	8	6	44	31	1.6	31	31.0	15488	34080	1	19	0.0	30.0	0.8
data6-8-44-06438.txt	8	6	44	34	1.5	34	34.0	15488	34124	1	4	0.0	30.0	0.5
data6-8-44-06439.txt	8	6	44	34	0.8	34	34.0	15488	34145	0	0	0.0	34.0	0.7
data6-8-44-06440.txt	8	6	44	36	1.1	36	36.0	15488	34308	0	0	0.0	36.0	0.7
data6-8-44-06441.txt	8	6	44	36	2.1	36	36.0	15488	34039	1	0	0.0	33.5	0.8
data6-8-44-06442.txt	8	6	44	32	8.1	32	32.0	15488	34225	285	0	0.0	29.5	0.8
data6-8-44-06443.txt	8	6	44	35	1.0	35	35.0	15488	34461	0	0	0.0	35.0	0.8
data6-8-44-06444.txt	8	6	44	30	0.9	30	30.0	15488	34130	0	0	0.0	28.2	0.5
data6-8-44-06445.txt	8	6	44	34	1.0	34	34.0	15488	34144	0	0	0.0	34.0	0.7
data6-8-44-06446.txt	8	6	44	44	2.9	44	44.0	15488	34233	1	0	0.0	42.0	1.4
data6-8-44-06447.txt	8	6	44	41	21.2	41	41.0	15488	34406	1283	23	0.0	37.5	1.1
data6-8-44-06448.txt	8	6	44	37	1.6	37	37.0	15488	34265	1	13	0.0	35.0	0.8
data6-8-44-06449.txt	8	6	44	39	3.7	39	39.0	15488	34153	1	0	0.0	34.6	0.7
data6-8-44-06450.txt	8	6	44	31	0.9	31	31.0	15488	34333	0	0	0.0	31.0	0.6
data6-8-44-06451.txt	8	6	44	44	95.7	44	44.0	15488	34361	2293	18	0.0	38.2	1.2
data6-8-44-06452.txt	8	6	44	38	1.9	38	38.0	15488	34448	0	0	0.0	36.3	1.1
data6-8-44-06453.txt	8	6	44	35	2.8	35	35.0	15488	34107	1	0	0.0	33.0	1.0
data6-8-44-06454.txt	8	6	44	43	3.2	43	43.0	15488	34435	1	5	0.0	40.5	1.1
data6-8-44-06455.txt	8	6	44	31	0.8	31	31.0	15488	34197	0	3	0.0	30.0	0.5
data6-8-44-06456.txt	8	6	44	37	2.7	37	37.0	15488	34255	1	61	0.0	35.5	1.1
data6-8-44-06457.txt	8	6	44	37	17.7	37	37.0	15488	34163	1044	5	0.0	32.4	0.8
data6-8-44-06458.txt	8	6	44	27	0.9	27	27.0	15488	33832	1	10	0.0	26.0	0.5
data6-8-44-06459.txt	8	6	44	38	5.1	38	38.0	15488	34304	32	44	0.0	35.7	1.0
data6-8-44-06460.txt	8	6	44	33	1.7	33	33.0	15488	33949	1	0	0.0	31.5	0.8
data6-8-44-06461.txt	8	6	44	28	0.8	28	28.0	15488	34010	0	0	0.0	27.5	0.5
data6-8-44-06462.txt	8	6	44	33	3.5	33	33.0	15488	34235	1	1	0.0	29.5	0.7
data6-8-44-06463.txt	8	6	44	42	10.3	42	42.0	15488	34235	472	67	0.0	37.8	0.8
data6-8-44-06464.txt	8	6	44	27	0.8	27	27.0	15488	34108	1	33	0.0	26.0	0.5
data6-8-44-06465.txt	8	6	44	36	1.5	36	36.0	15488	34331	1	29	0.0	34.5	0.7
data6-8-44-06466.txt	8	6	44	33	0.9	33	33.0	15488	34248	0	0	0.0	33.0	0.6
data6-8-44-06467.txt	8	6	44	36	3.9	36	36.0	15488	34228	184	38	0.0	32.2	0.6
data6-8-44-06468.txt	8	6	44	35	2.1	35	35.0	15488	34336	1	10	0.0	33.0	0.7
data6-8-44-06469.txt	8	6	44	31	1.0	31	31.0	15488	34071	0	0	0.0	31.0	0.7
data6-8-44-06470.txt	8	6	44	32	1.5	32	32.0	15488	34305	1	4	0.0	30.5	0.7
data6-8-44-06471.txt	8	6	44	34	34.9	34	34.0	15488	34181	1606	167	0.0	29.3	0.7
data6-8-44-06472.txt	8	6	44	35	1.7	35	35.0	15488	34161	0	0	0.0	33.7	0.8
data6-8-44-06473.txt	8	6	44	34	12.7	34	34.0	15488	34345	1067	77	0.0	32.0	0.9
data6-8-44-06474.txt	8	6	44	33	1.2	33	33.0	15488	33995	0	0	0.0	31.5	0.6
data6-8-44-06475.txt	8	6	44	40	1.3	40	40.0	15488	34043	0	0	0.0	40.0	0.7
data6-8-44-06476.txt	8	6	44	40	4.7	40	40.0	15488	34196	1	7	0.0	37.0	0.9
data6-8-44-06477.txt	8	6	44	30	0.5	30	30.0	15488	34176	0	0	0.0	30.0	0.4
data6-8-44-06478.txt	8	6	44	31	1.6	31	31.0	15488	34216	1	0	0.0	29.3	0.7
data6-8-44-06479.txt	8	6	44	40	5.2	40	40.0	15488	34361	166	3	0.0	34.5	0.8
data6-8-44-06480.txt	8	6	44	36	0.9	36	36.0	15488	33976	0	0	0.0	36.0	0.6
data6-8-44-06481.txt	8	6	44	33	16.3	33	33.0	15488	34166	1825	74	0.0	30.0	0.7
data6-8-44-06482.txt	8	6	44	33	0.8	33	33.0	15488	34054	1	5	0.0	31.0	0.6
data6-8-44-06483.txt	8	6	44	29	0.8	29	29.0	15488	33964	0	0	0.0	28.5	0.6
data6-8-44-06484.txt	8	6	44	35	1.8	35	35.0	15488	34127	1	3	0.0	34.0	0.8
data6-8-44-06485.txt	8	6	44	50	7.4	50	50.0	15488	34481	1	6	0.0	47.0	2.7
data6-8-44-06486.txt	8	6	44	36	2.8	36	36.0	15488	34423	11	0	0.0	33.0	0.8
data6-8-44-06487.txt	8	6	44	33	1.2	33	33.0	15488	34205	0	2	0.0	32.0	0.7
data6-8-44-06488.txt	8	6	44	30	1.3	30	30.0	15488	34236	0	15	0.0	29.0	0.7
data6-8-44-06489.txt	8	6	44	32	1.2	32	32.0	15488	34002	1	1	0.0	30.3	0.5
data6-8-44-06490.txt	8	6	44	35	1.3	35	35.0	15488	34338	0	0	0.0	34.5	1.0

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-44-06491.txt	8	6	44	43	4.0	43	43.0	15488	34467	1	59	0.0	42.0	1.6
data6-8-44-06492.txt	8	6	44	44	3.5	44	44.0	15488	34224	40	28	0.0	41.5	0.9
data6-8-44-06493.txt	8	6	44	33	1.3	33	33.0	15488	34031	1	26	0.0	32.0	0.6
data6-8-44-06494.txt	8	6	44	44	4.6	44	44.0	15488	34141	91	20	0.0	39.4	0.7
data6-8-44-06495.txt	8	6	44	47	100.9	47	47.0	15488	34300	1173	31	0.0	43.4	1.3
data6-8-44-06496.txt	8	6	44	36	1.2	36	36.0	15488	34037	0	0	0.0	35.0	0.6
data6-8-44-06497.txt	8	6	44	37	1.2	37	37.0	15488	34269	0	0	0.0	37.0	0.7
data6-8-44-06498.txt	8	6	44	39	19.1	39	39.0	15488	34120	2061	84	0.0	35.5	0.9
data6-8-44-06499.txt	8	6	44	33	1.2	33	33.0	15488	34007	0	0	0.0	32.0	0.7
data6-8-44-06500.txt	8	6	44	31	0.8	31	31.0	15488	34280	1	6	0.0	30.0	0.4
data6-8-45-06501.txt	8	6	45	33	1.7	34	33.0	16200	35308	101	69	0.0	32.0	0.6
data6-8-45-06502.txt	8	6	45	41	64.9	41	41.0	16200	35983	1391	83	0.0	36.3	1.0
data6-8-45-06503.txt	8	6	45	31	1.2	31	31.0	16200	35241	1	0	0.0	30.0	0.6
data6-8-45-06504.txt	8	6	45	45	99.3	45	45.0	16200	36182	1968	90	0.0	40.0	1.3
data6-8-45-06505.txt	8	6	45	36	0.9	36	36.0	16200	35757	0	0	0.0	35.0	0.6
data6-8-45-06506.txt	8	6	45	33	1.0	33	33.0	16200	35709	0	0	0.0	33.0	0.6
data6-8-45-06507.txt	8	6	45	27	0.6	27	27.0	16200	35396	0	0	0.0	27.0	0.4
data6-8-45-06508.txt	8	6	45	38	0.9	38	38.0	16200	35562	1	12	0.0	37.0	0.5
data6-8-45-06509.txt	8	6	45	37	1.3	37	37.0	16200	35829	0	0	0.0	36.5	1.0
data6-8-45-06510.txt	8	6	45	41	1.1	41	41.0	16200	35627	0	0	0.0	39.5	0.9
data6-8-45-06511.txt	8	6	45	33	0.9	33	33.0	16200	35507	0	3	0.0	32.0	0.6
data6-8-45-06512.txt	8	6	45	40	33.9	40	40.0	16200	35808	613	3	0.0	36.1	1.0
data6-8-45-06513.txt	8	6	45	34	1.9	34	34.0	16200	35955	1	1	0.0	32.0	0.9
data6-8-45-06514.txt	8	6	45	40	1.5	40	40.0	16200	36017	1	2	0.0	38.0	0.7
data6-8-45-06515.txt	8	6	45	37	1.7	37	37.0	16200	35781	1	15	0.0	36.0	0.7
data6-8-45-06516.txt	8	6	45	43	7.1	43	43.0	16200	35931	14	2	0.0	41.0	1.6
data6-8-45-06517.txt	8	6	45	34	1.1	34	34.0	16200	35592	0	0	0.0	34.0	0.7
data6-8-45-06518.txt	8	6	45	34	1.1	34	34.0	16200	35959	0	3	0.0	33.0	0.7
data6-8-45-06519.txt	8	6	45	41	2.8	41	41.0	16200	35846	1	1	0.0	38.5	0.9
data6-8-45-06520.txt	8	6	45	37	1.1	37	37.0	16200	35590	0	0	0.0	36.5	0.8
data6-8-45-06521.txt	8	6	45	41	3.1	41	41.0	16200	35642	1	0	0.0	38.5	1.0
data6-8-45-06522.txt	8	6	45	37	1.4	37	37.0	16200	35845	1	9	0.0	35.0	0.7
data6-8-45-06523.txt	8	6	45	37	1.2	37	37.0	16200	35820	0	0	0.0	35.5	0.6
data6-8-45-06524.txt	8	6	45	34	7.7	34	34.0	16200	35782	164	0	0.0	31.2	0.7
data6-8-45-06525.txt	8	6	45	34	1.1	34	34.0	16200	35731	1	0	0.0	31.5	0.5
data6-8-45-06526.txt	8	6	45	45	17.3	45	45.0	16200	36221	1647	44	0.0	41.0	1.0
data6-8-45-06527.txt	8	6	45	35	5.2	35	35.0	16200	35679	28	4	0.0	31.5	0.8
data6-8-45-06528.txt	8	6	45	30	1.0	30	30.0	16200	35475	0	0	0.0	29.0	0.5
data6-8-45-06529.txt	8	6	45	37	1.6	37	37.0	16200	35913	1	0	0.0	34.0	0.7
data6-8-45-06530.txt	8	6	45	41	1.3	41	41.0	16200	35799	0	0	0.0	40.0	0.9
data6-8-45-06531.txt	8	6	45	36	0.9	36	36.0	16200	35527	0	0	0.0	35.5	0.7
data6-8-45-06532.txt	8	6	45	38	42.8	38	38.0	16200	35700	2061	0	0.0	32.8	0.9
data6-8-45-06533.txt	8	6	45	29	0.7	29	29.0	16200	35442	0	0	0.0	28.5	0.5
data6-8-45-06534.txt	8	6	45	37	2.3	37	37.0	16200	35726	1	7	0.0	35.0	0.9
data6-8-45-06535.txt	8	6	45	45	2.0	46	45.0	16200	35857	1	14	0.0	43.5	0.9
data6-8-45-06536.txt	8	6	45	32	1.9	32	32.0	16200	35685	1	12	0.0	30.1	0.5
data6-8-45-06537.txt	8	6	45	32	1.4	32	32.0	16200	35754	1	25	0.0	30.5	0.5
data6-8-45-06538.txt	8	6	45	30	0.8	30	30.0	16200	35554	0	0	0.0	29.5	0.6
data6-8-45-06539.txt	8	6	45	40	11.5	40	40.0	16200	35663	682	58	0.0	37.0	0.8
data6-8-45-06540.txt	8	6	45	37	0.9	37	37.0	16200	35722	0	0	0.0	37.0	0.6
data6-8-45-06541.txt	8	6	45	45	1.6	45	45.0	16200	35772	0	0	0.0	44.5	1.2
data6-8-45-06542.txt	8	6	45	42	2.0	42	42.0	16200	35909	1	1	0.0	41.0	1.3
data6-8-45-06543.txt	8	6	45	40	1.8	40	40.0	16200	35992	0	8	0.0	38.7	1.0
data6-8-45-06544.txt	8	6	45	39	27.1	39	39.0	16200	36017	1696	64	0.0	37.0	1.1
data6-8-45-06545.txt	8	6	45	32	1.2	32	32.0	16200	35535	1	0	0.0	30.0	0.6
data6-8-45-06546.txt	8	6	45	44	5.8	44	44.0	16200	35537	4	11	0.0	41.5	1.3
data6-8-45-06547.txt	8	6	45	40	1.8	40	40.0	16200	35815	0	5	0.0	38.1	1.1
data6-8-45-06548.txt	8	6	45	38	1.3	38	38.0	16200	35741	0	0	0.0	38.0	0.8
data6-8-45-06549.txt	8	6	45	29	1.2	29	29.0	16200	35573	0	0	0.0	28.0	0.8
data6-8-45-06550.txt	8	6	45	31	1.6	31	31.0	16200	35844	1	0	0.0	28.5	0.6
data6-8-45-06551.txt	8	6	45	27	1.0	27	27.0	16200	35624	1	0	0.0	25.5	0.5
data6-8-45-06552.txt	8	6	45	34	1.2	34	34.0	16200	35687	1	22	0.0	32.0	0.5
data6-8-45-06553.txt	8	6	45	36	2.1	36	36.0	16200	35931	1	31	0.0	34.0	0.7
data6-8-45-06554.txt	8	6	45	45	2.1	45	45.0	16200	35735	10	59	0.0	43.0	0.9
data6-8-45-06555.txt	8	6	45	33	0.7	33	33.0	16200	35417	0	5	0.0	32.0	0.4
data6-8-45-06556.txt	8	6	45	38	2.5	38	38.0	16200	35874	136	49	0.0	34.8	0.8
data6-8-45-06557.txt	8	6	45	26	0.8	26	26.0	16200	35522	0	0	0.0	26.0	0.5
data6-8-45-06558.txt	8	6	45	42	5.4	42	42.0	16200	35894	447	84	0.0	38.2	0.6
data6-8-45-06559.txt	8	6	45	32	3.7	32	32.0	16200	35606	112	18	0.0	28.8	0.7
data6-8-45-06560.txt	8	6	45	38	2.7	38	38.0	16200	36098	1	43	0.0	36.0	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-45-06561.txt	8	6	45	38	4.8	38	38.0	16200	35870	192	31	0.0	34.5	0.6
data6-8-45-06562.txt	8	6	45	40	1.6	40	40.0	16200	35989	1	6	0.0	39.0	0.7
data6-8-45-06563.txt	8	6	45	40	1.4	40	40.0	16200	35862	0	0	0.0	40.0	1.0
data6-8-45-06564.txt	8	6	45	34	1.0	34	34.0	16200	35473	0	0	0.0	34.0	0.7
data6-8-45-06565.txt	8	6	45	39	3.0	39	39.0	16200	35633	1	6	0.0	37.5	1.2
data6-8-45-06566.txt	8	6	45	34	1.2	34	34.0	16200	35573	0	0	0.0	33.0	0.7
data6-8-45-06567.txt	8	6	45	28	1.7	28	28.0	16200	35404	1	4	0.0	26.0	0.5
data6-8-45-06568.txt	8	6	45	36	11.4	36	36.0	16200	35581	1676	26	0.0	33.0	0.7
data6-8-45-06569.txt	8	6	45	37	2.7	37	37.0	16200	35566	1	0	0.0	34.5	0.8
data6-8-45-06570.txt	8	6	45	32	1.4	32	32.0	16200	35594	0	0	0.0	30.5	0.8
data6-8-45-06571.txt	8	6	45	23	0.6	23	23.0	16200	35249	0	0	0.0	22.5	0.4
data6-8-45-06572.txt	8	6	45	30	0.9	30	30.0	16200	35481	0	0	0.0	29.0	0.5
data6-8-45-06573.txt	8	6	45	37	1.4	37	37.0	16200	35797	0	0	0.0	36.5	0.8
data6-8-45-06574.txt	8	6	45	35	1.9	35	35.0	16200	35780	0	0	0.0	33.5	0.9
data6-8-45-06575.txt	8	6	45	42	8.5	42	42.0	16200	36010	861	90	0.0	35.7	0.9
data6-8-45-06576.txt	8	6	45	40	3.0	40	40.0	16200	35700	1	23	0.0	37.5	1.0
data6-8-45-06577.txt	8	6	45	40	11.5	40	40.0	16200	35706	2445	68	0.0	36.3	0.6
data6-8-45-06578.txt	8	6	45	37	0.9	37	37.0	16200	35220	0	0	0.0	36.0	0.6
data6-8-45-06579.txt	8	6	45	35	0.6	35	35.0	16200	35410	0	0	0.0	35.0	0.4
data6-8-45-06580.txt	8	6	45	35	1.6	35	35.0	16200	35661	1	21	0.0	33.0	0.7
data6-8-45-06581.txt	8	6	45	40	1.7	40	40.0	16200	35773	0	0	0.0	39.0	0.9
data6-8-45-06582.txt	8	6	45	39	0.8	39	39.0	16200	35873	0	0	0.0	39.0	0.5
data6-8-45-06583.txt	8	6	45	40	4.1	40	40.0	16200	36117	30	25	0.0	37.7	0.9
data6-8-45-06584.txt	8	6	45	38	1.0	38	38.0	16200	35708	0	9	0.0	35.0	0.5
data6-8-45-06585.txt	8	6	45	33	1.2	33	33.0	16200	35603	0	0	0.0	31.5	0.7
data6-8-45-06586.txt	8	6	45	30	3.5	30	30.0	16200	35594	421	23	0.0	26.5	0.5
data6-8-45-06587.txt	8	6	45	29	0.9	29	29.0	16200	35586	0	0	0.0	28.5	0.6
data6-8-45-06588.txt	8	6	45	39	2.2	39	39.0	16200	35890	1	11	0.0	37.0	0.8
data6-8-45-06589.txt	8	6	45	36	3.3	36	36.0	16200	35758	1	0	0.0	34.0	0.8
data6-8-45-06590.txt	8	6	45	37	3.2	37	37.0	16200	35865	1	6	0.0	35.0	0.8
data6-8-45-06591.txt	8	6	45	31	1.1	31	31.0	16200	35533	1	9	0.0	30.0	0.5
data6-8-45-06592.txt	8	6	45	28	0.8	28	28.0	16200	35439	1	22	0.0	27.0	0.4
data6-8-45-06593.txt	8	6	45	41	1.3	41	41.0	16200	36209	0	1	0.0	40.0	0.7
data6-8-45-06594.txt	8	6	45	32	7.3	32	32.0	16200	35730	213	0	0.0	26.5	0.6
data6-8-45-06595.txt	8	6	45	41	3.7	41	41.0	16200	35840	1	36	0.0	36.5	1.1
data6-8-45-06596.txt	8	6	45	30	1.9	30	30.0	16200	35752	1	1	0.0	28.0	0.8
data6-8-45-06597.txt	8	6	45	37	4.6	37	37.0	16200	35673	321	21	0.0	34.0	0.6
data6-8-45-06598.txt	8	6	45	36	2.0	36	36.0	16200	35768	1	23	0.0	33.5	0.6
data6-8-45-06599.txt	8	6	45	33	1.7	33	33.0	16200	35287	1	0	0.0	30.5	0.5
data6-8-45-06600.txt	8	6	45	29	0.9	29	29.0	16200	35610	0	0	0.0	27.5	0.5
data6-8-46-06601.txt	8	6	46	44	1.1	44	44.0	16928	37330	0	0	0.0	43.5	0.8
data6-8-46-06602.txt	8	6	46	42	2.1	42	42.0	16928	37628	1	31	0.0	41.0	0.9
data6-8-46-06603.txt	8	6	46	44	10.9	44	44.0	16928	37595	153	6	0.0	40.0	1.0
data6-8-46-06604.txt	8	6	46	37	0.8	37	37.0	16928	37211	0	0	0.0	37.0	0.5
data6-8-46-06605.txt	8	6	46	35	1.3	35	35.0	16928	37138	0	0	0.0	34.3	1.0
data6-8-46-06606.txt	8	6	46	32	10.7	32	32.0	16928	37071	1344	34	0.0	28.5	0.6
data6-8-46-06607.txt	8	6	46	38	3.7	38	38.0	16928	37374	21	15	0.0	35.0	0.9
data6-8-46-06608.txt	8	6	46	36	21.1	36	36.0	16928	37278	2094	41	0.0	33.5	0.9
data6-8-46-06609.txt	8	6	46	33	1.1	33	33.0	16928	37460	0	0	0.0	32.3	0.9
data6-8-46-06610.txt	8	6	46	33	1.6	33	33.0	16928	37230	1	17	0.0	32.0	0.6
data6-8-46-06611.txt	8	6	46	44	9.1	44	44.0	16928	37429	197	33	0.0	38.5	1.1
data6-8-46-06612.txt	8	6	46	34	2.3	34	34.0	16928	37151	1	0	0.0	32.0	0.8
data6-8-46-06613.txt	8	6	46	33	3.0	33	33.0	16928	36998	19	4	0.0	29.5	0.6
data6-8-46-06614.txt	8	6	46	31	0.9	31	31.0	16928	37154	0	3	0.0	30.0	0.5
data6-8-46-06615.txt	8	6	46	33	1.2	33	33.0	16928	36988	1	4	0.0	30.5	0.5
data6-8-46-06616.txt	8	6	46	35	34.5	35	35.0	16928	37273	1681	45	0.0	32.0	0.6
data6-8-46-06617.txt	8	6	46	38	7.6	38	38.0	16928	37101	438	6	0.0	36.0	0.8
data6-8-46-06618.txt	8	6	46	42	2.7	42	42.0	16928	37056	203	21	0.0	38.5	0.6
data6-8-46-06619.txt	8	6	46	37	1.9	37	37.0	16928	37400	1	5	0.0	34.8	0.8
data6-8-46-06620.txt	8	6	46	40	3.1	40	40.0	16928	37382	1	8	0.0	37.0	0.8
data6-8-46-06621.txt	8	6	46	37	3.1	37	37.0	16928	37444	1	4	0.0	35.0	1.2
data6-8-46-06622.txt	8	6	46	35	2.6	35	35.0	16928	37560	1	15	0.0	33.0	0.9
data6-8-46-06623.txt	8	6	46	44	2.1	44	44.0	16928	37566	1	21	0.0	41.5	1.1
data6-8-46-06624.txt	8	6	46	33	2.8	33	33.0	16928	37097	70	20	0.0	29.5	0.6
data6-8-46-06625.txt	8	6	46	32	2.1	32	32.0	16928	37183	1	2	0.0	29.7	0.8
data6-8-46-06626.txt	8	6	46	33	1.0	33	33.0	16928	37196	1	1	0.0	31.5	0.6
data6-8-46-06627.txt	8	6	46	29	3.0	29	29.0	16928	37067	108	0	0.0	26.0	0.6
data6-8-46-06628.txt	8	6	46	43	5.4	43	43.0	16928	37653	84	27	0.0	39.3	1.4
data6-8-46-06629.txt	8	6	46	37	1.3	37	37.0	16928	37127	1	1	0.0	35.0	0.5
data6-8-46-06630.txt	8	6	46	32	2.0	32	32.0	16928	37244	1	1	0.0	29.5	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-46-06631.txt	8	6	46	36	7.4	36	36.0	16928	37219	446	14	0.0	33.1	0.8
data6-8-46-06632.txt	8	6	46	41	1.1	41	41.0	16928	37423	0	0	0.0	41.0	0.8
data6-8-46-06633.txt	8	6	46	35	1.5	35	35.0	16928	37213	1	8	0.0	32.0	0.6
data6-8-46-06634.txt	8	6	46	35	8.1	35	35.0	16928	37224	284	45	0.0	33.0	0.8
data6-8-46-06635.txt	8	6	46	30	0.7	30	30.0	16928	37089	0	0	0.0	29.5	0.5
data6-8-46-06636.txt	8	6	46	36	2.2	36	36.0	16928	37249	1	2	0.0	34.5	0.9
data6-8-46-06637.txt	8	6	46	38	1.5	38	38.0	16928	37362	1	5	0.0	36.5	0.9
data6-8-46-06638.txt	8	6	46	42	15.0	42	42.0	16928	37703	486	3	0.0	37.2	1.3
data6-8-46-06639.txt	8	6	46	29	0.8	29	29.0	16928	37184	0	0	0.0	28.2	0.5
data6-8-46-06640.txt	8	6	46	31	1.9	31	31.0	16928	37169	1	0	0.0	28.7	0.7
data6-8-46-06641.txt	8	6	46	36	2.7	36	36.0	16928	37216	1	19	0.0	33.1	0.8
data6-8-46-06642.txt	8	6	46	27	0.7	27	27.0	16928	37170	0	0	0.0	27.0	0.5
data6-8-46-06643.txt	8	6	46	40	15.4	40	40.0	16928	37254	1102	0	0.0	35.5	1.1
data6-8-46-06644.txt	8	6	46	36	2.2	36	36.0	16928	37167	1	0	0.0	33.1	0.8
data6-8-46-06645.txt	8	6	46	35	0.8	35	35.0	16928	36935	0	0	0.0	35.0	0.5
data6-8-46-06646.txt	8	6	46	33	0.8	33	33.0	16928	37163	0	0	0.0	32.0	0.5
data6-8-46-06647.txt	8	6	46	34	1.0	34	34.0	16928	36933	1	14	0.0	31.5	0.4
data6-8-46-06648.txt	8	6	46	44	4.6	44	44.0	16928	37261	244	57	0.0	39.0	0.6
data6-8-46-06649.txt	8	6	46	34	1.1	34	34.0	16928	37254	0	2	0.0	33.0	0.6
data6-8-46-06650.txt	8	6	46	38	1.0	38	38.0	16928	37225	0	0	0.0	37.4	0.7
data6-8-46-06651.txt	8	6	46	37	1.2	37	37.0	16928	37458	1	17	0.0	36.0	0.6
data6-8-46-06652.txt	8	6	46	32	1.1	32	32.0	16928	37303	1	0	0.0	30.5	0.5
data6-8-46-06653.txt	8	6	46	36	2.5	36	36.0	16928	37313	1	2	0.0	34.0	0.8
data6-8-46-06654.txt	8	6	46	36	1.5	36	36.0	16928	37065	1	10	0.0	34.0	0.6
data6-8-46-06655.txt	8	6	46	44	134.1	44	44.0	16928	37551	1900	30	0.0	38.0	1.4
data6-8-46-06656.txt	8	6	46	38	1.3	38	38.0	16928	37360	1	2	0.0	36.0	0.6
data6-8-46-06657.txt	8	6	46	42	2.8	42	42.0	16928	37460	96	62	0.0	40.0	0.9
data6-8-46-06658.txt	8	6	46	34	0.9	34	34.0	16928	37203	0	2	0.0	33.0	0.6
data6-8-46-06659.txt	8	6	46	40	2.8	40	40.0	16928	37414	1	0	0.0	37.0	0.9
data6-8-46-06660.txt	8	6	46	40	0.9	40	40.0	16928	37331	0	0	0.0	39.5	0.7
data6-8-46-06661.txt	8	6	46	29	0.8	29	29.0	16928	37094	0	0	0.0	28.2	0.5
data6-8-46-06662.txt	8	6	46	44	2.7	44	44.0	16928	37609	1	0	0.0	40.8	0.9
data6-8-46-06663.txt	8	6	46	32	1.4	32	32.0	16928	37099	1	0	0.0	29.5	0.5
data6-8-46-06664.txt	8	6	46	41	42.5	41	41.0	16928	37631	5218	18	0.0	37.0	0.7
data6-8-46-06665.txt	8	6	46	44	38.2	44	44.0	16928	37378	1372	60	0.0	40.5	1.0
data6-8-46-06666.txt	8	6	46	37	0.9	37	37.0	16928	37125	1	7	0.0	36.0	0.6
data6-8-46-06667.txt	8	6	46	39	34.8	39	39.0	16928	37554	1097	88	0.0	37.0	1.4
data6-8-46-06668.txt	8	6	46	38	1.6	38	38.0	16928	37525	1	13	0.0	36.0	0.7
data6-8-46-06669.txt	8	6	46	45	49.0	45	45.0	16928	37889	1552	54	0.0	42.0	1.2
data6-8-46-06670.txt	8	6	46	37	57.4	37	37.0	16928	37423	1239	55	0.0	34.0	0.7
data6-8-46-06671.txt	8	6	46	35	1.6	35	35.0	16928	37256	1	4	0.0	33.0	0.6
data6-8-46-06672.txt	8	6	46	33	0.8	33	33.0	16928	37033	0	1	0.0	32.0	0.5
data6-8-46-06673.txt	8	6	46	36	1.4	36	36.0	16928	37428	1	4	0.0	34.2	0.6
data6-8-46-06674.txt	8	6	46	39	2.0	39	39.0	16928	37349	1	42	0.0	36.0	0.6
data6-8-46-06675.txt	8	6	46	38	0.8	38	38.0	16928	37509	0	0	0.0	37.5	0.6
data6-8-46-06676.txt	8	6	46	36	1.4	36	36.0	16928	37475	1	5	0.0	35.0	0.9
data6-8-46-06677.txt	8	6	46	32	1.1	32	32.0	16928	37249	0	0	0.0	32.0	0.8
data6-8-46-06678.txt	8	6	46	32	0.8	32	32.0	16928	36670	0	6	0.0	31.0	0.5
data6-8-46-06679.txt	8	6	46	39	1.6	39	39.0	16928	37444	11	45	0.0	38.0	0.9
data6-8-46-06680.txt	8	6	46	34	1.2	34	34.0	16928	37318	1	7	0.0	29.0	0.5
data6-8-46-06681.txt	8	6	46	35	1.4	35	35.0	16928	36977	1	60	0.0	34.0	0.5
data6-8-46-06682.txt	8	6	46	35	3.4	35	35.0	16928	37363	1	11	0.0	32.5	0.6
data6-8-46-06683.txt	8	6	46	40	11.6	40	40.0	16928	37296	599	95	0.0	35.0	0.9
data6-8-46-06684.txt	8	6	46	27	0.7	27	27.0	16928	37397	0	0	0.0	27.0	0.5
data6-8-46-06685.txt	8	6	46	33	0.6	33	33.0	16928	36918	0	0	0.0	33.0	0.5
data6-8-46-06686.txt	8	6	46	38	2.0	38	38.0	16928	37242	1	7	0.0	36.1	0.9
data6-8-46-06687.txt	8	6	46	38	1.7	38	38.0	16928	37389	1	0	0.0	36.5	0.9
data6-8-46-06688.txt	8	6	46	46	141.6	46	46.0	16928	37576	1411	45	0.0	41.5	1.1
data6-8-46-06689.txt	8	6	46	34	1.4	34	34.0	16928	37369	0	0	0.0	32.5	0.7
data6-8-46-06690.txt	8	6	46	38	16.4	38	38.0	16928	37627	686	23	0.0	34.0	1.3
data6-8-46-06691.txt	8	6	46	46	46.8	46	46.0	16928	37520	1135	69	0.0	43.0	1.1
data6-8-46-06692.txt	8	6	46	42	1.3	42	42.0	16928	37562	0	6	0.0	41.0	1.1
data6-8-46-06693.txt	8	6	46	33	4.3	33	33.0	16928	37247	1	1	0.0	30.5	0.8
data6-8-46-06694.txt	8	6	46	41	3.0	41	41.0	16928	37445	1	27	0.0	38.0	1.2
data6-8-46-06695.txt	8	6	46	45	2.1	45	45.0	16928	37244	1	21	0.0	39.5	0.7
data6-8-46-06696.txt	8	6	46	25	0.6	25	25.0	16928	36697	0	0	0.0	24.0	0.4
data6-8-46-06697.txt	8	6	46	43	1.7	43	43.0	16928	37242	1	5	0.0	40.5	0.9
data6-8-46-06698.txt	8	6	46	31	1.1	31	31.0	16928	37483	1	18	0.0	30.0	0.6
data6-8-46-06699.txt	8	6	46	41	1.0	27	0.6	43	41	1	18	0.0	30.0	0.6
.999999	16928	37556	1164	84	0.0	39	1.2	43	41	1	18	0.0	30.0	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-46-06700.txt	8	6	46	36	1.0	36	36.0	16928	37361	0	0	0.0	35.5	0.7
data6-8-47-06701.txt	8	6	47	39	1.9	39	39.0	17672	38687	24	20	0.0	34.0	0.7
data6-8-47-06702.txt	8	6	47	44	1.2	44	44.0	17672	38881	0	0	0.0	44.0	1.1
data6-8-47-06703.txt	8	6	47	33	1.1	33	33.0	17672	38648	0	2	0.0	32.0	0.6
data6-8-47-06704.txt	8	6	47	44	1.0	44	44.0	17672	38856	0	0	0.0	44.0	0.8
data6-8-47-06705.txt	8	6	47	42	34.8	42	42.0	17672	39129	1159	33	0.0	39.0	1.3
data6-8-47-06706.txt	8	6	47	34	1.2	34	34.0	17672	39017	0	0	0.0	33.0	0.6
data6-8-47-06707.txt	8	6	47	35	2.3	35	35.0	17672	38755	1	2	0.0	32.5	0.7
data6-8-47-06708.txt	8	6	47	29	0.7	29	29.0	17672	38695	0	0	0.0	29.0	0.5
data6-8-47-06709.txt	8	6	47	43	2.1	43	43.0	17672	39135	5	13	0.0	41.0	0.8
data6-8-47-06710.txt	8	6	47	47	12.4	47	47.0	17672	39387	677	84	0.0	43.0	1.2
data6-8-47-06711.txt	8	6	47	35	0.8	35	35.0	17672	38793	0	0	0.0	33.8	0.5
data6-8-47-06712.txt	8	6	47	39	2.1	39	39.0	17672	38743	0	0	0.0	38.0	1.1
data6-8-47-06713.txt	8	6	47	28	0.6	28	28.0	17672	38524	0	0	0.0	28.0	0.4
data6-8-47-06714.txt	8	6	47	38	3.2	38	38.0	17672	39075	1	3	0.0	35.0	0.8
data6-8-47-06715.txt	8	6	47	34	0.9	34	34.0	17672	38795	0	0	0.0	34.0	0.7
data6-8-47-06716.txt	8	6	47	33	0.7	33	33.0	17672	38848	0	0	0.0	33.0	0.5
data6-8-47-06717.txt	8	6	47	33	1.1	33	33.0	17672	38547	0	2	0.0	32.0	0.7
data6-8-47-06718.txt	8	6	47	32	1.3	32	32.0	17672	38690	1	0	0.0	30.0	0.6
data6-8-47-06719.txt	8	6	47	36	2.9	36	36.0	17672	39138	1	9	0.0	33.4	1.0
data6-8-47-06720.txt	8	6	47	33	1.2	33	33.0	17672	39154	0	0	0.0	33.0	0.9
data6-8-47-06721.txt	8	6	47	38	41.2	38	38.0	17672	39212	1288	34	0.0	33.0	0.9
data6-8-47-06722.txt	8	6	47	34	1.0	34	34.0	17672	38777	0	0	0.0	32.5	0.6
data6-8-47-06723.txt	8	6	47	42	1.3	42	42.0	17672	38947	1	12	0.0	38.0	0.8
data6-8-47-06724.txt	8	6	47	43	6.2	43	43.0	17672	38868	217	13	0.0	39.2	1.0
data6-8-47-06725.txt	8	6	47	38	0.5	38	38.0	17672	38776	0	0	0.0	38.0	0.4
data6-8-47-06726.txt	8	6	47	45	1.2	45	45.0	17672	38494	1	9	0.0	43.0	0.7
data6-8-47-06727.txt	8	6	47	38	1.5	38	38.0	17672	38939	0	0	0.0	37.5	1.1
data6-8-47-06728.txt	8	6	47	37	33.5	37	37.0	17672	38809	1306	126	0.0	33.0	0.8
data6-8-47-06729.txt	8	6	47	50	3.0	50	50.0	17672	39056	1	13	0.0	48.5	1.3
data6-8-47-06730.txt	8	6	47	30	1.0	30	30.0	17672	38793	1	1	0.0	28.5	0.6
data6-8-47-06731.txt	8	6	47	39	1.2	39	39.0	17672	39104	0	1	0.0	38.0	0.8
data6-8-47-06732.txt	8	6	47	33	0.7	33	33.0	17672	38813	0	0	0.0	33.0	0.5
data6-8-47-06733.txt	8	6	47	38	10.1	38	38.0	17672	38877	1243	47	0.0	34.0	0.8
data6-8-47-06734.txt	8	6	47	48	53.2	48	48.0	17672	38960	1324	85	0.0	43.5	1.1
data6-8-47-06735.txt	8	6	47	38	2.6	38	38.0	17672	38700	1	0	0.0	35.3	0.8
data6-8-47-06736.txt	8	6	47	38	1.4	38	38.0	17672	39081	1	1	0.0	36.5	0.6
data6-8-47-06737.txt	8	6	47	35	2.7	35	35.0	17672	38719	1	0	0.0	33.0	0.9
data6-8-47-06738.txt	8	6	47	28	0.5	28	28.0	17672	38351	0	0	0.0	28.0	0.4
data6-8-47-06739.txt	8	6	47	43	19.5	43	43.0	17672	39253	566	12	0.0	38.9	1.0
data6-8-47-06740.txt	8	6	47	46	29.4	46	46.0	17672	38721	1358	132	0.0	43.0	0.9
data6-8-47-06741.txt	8	6	47	38	1.3	38	38.0	17672	39329	1	2	0.0	37.0	0.8
data6-8-47-06742.txt	8	6	47	34	1.1	34	34.0	17672	38828	1	41	0.0	31.0	0.5
data6-8-47-06743.txt	8	6	47	46	80.6	46	46.0	17672	39225	5244	278	0.1	42.0	1.0
data6-8-47-06744.txt	8	6	47	32	1.0	32	32.0	17672	38584	1	1	0.0	30.5	0.7
data6-8-47-06745.txt	8	6	47	50	12.0	50	50.0	17672	39271	1	17	0.0	44.5	1.4
data6-8-47-06746.txt	8	6	47	42	2.9	42	42.0	17672	38894	1	5	0.0	39.5	1.1
data6-8-47-06747.txt	8	6	47	46	5.4	48	46.0	17672	39193	42	74	0.0	45.0	1.3
data6-8-47-06748.txt	8	6	47	38	1.2	38	38.0	17672	38956	0	0	0.0	38.0	0.7
data6-8-47-06749.txt	8	6	47	37	5.1	37	37.0	17672	38788	712	20	0.0	34.2	0.6
data6-8-47-06750.txt	8	6	47	34	41.9	34	34.0	17672	38799	1212	7	0.0	30.0	0.9
data6-8-47-06751.txt	8	6	47	47	22.2	47	47.0	17672	39014	1325	76	0.0	42.0	0.9
data6-8-47-06752.txt	8	6	47	36	1.2	36	36.0	17672	38621	1	1	0.0	35.0	0.7
data6-8-47-06753.txt	8	6	47	37	1.3	37	37.0	17672	38879	1	15	0.0	36.0	0.7
data6-8-47-06754.txt	8	6	47	43	1.2	43	43.0	17672	38732	0	0	0.0	42.5	0.8
data6-8-47-06755.txt	8	6	47	38	0.9	38	38.0	17672	39027	0	0	0.0	38.0	0.8
data6-8-47-06756.txt	8	6	47	42	5.5	42	42.0	17672	39234	11	55	0.0	40.0	1.3
data6-8-47-06757.txt	8	6	47	37	1.2	37	37.0	17672	39001	0	0	0.0	36.5	0.8
data6-8-47-06758.txt	8	6	47	41	6.6	41	41.0	17672	39142	26	40	0.0	37.5	1.1
data6-8-47-06759.txt	8	6	47	40	2.3	40	40.0	17672	39004	1	12	0.0	37.0	0.8
data6-8-47-06760.txt	8	6	47	30	0.6	30	30.0	17672	38612	0	0	0.0	29.2	0.5
data6-8-47-06761.txt	8	6	47	42	1.5	42	42.0	17672	38745	0	4	0.0	41.0	0.8
data6-8-47-06762.txt	8	6	47	38	1.8	38	38.0	17672	38583	1	11	0.0	36.5	0.7
data6-8-47-06763.txt	8	6	47	36	0.9	36	36.0	17672	38864	0	0	0.0	36.0	0.6
data6-8-47-06764.txt	8	6	47	50	92.0	50	50.0	17672	39068	5445	158	0.0	46.0	1.5
data6-8-47-06765.txt	8	6	47	43	2.1	43	43.0	17672	38923	0	6	0.0	42.0	1.3
data6-8-47-06766.txt	8	6	47	37	10.1	37	37.0	17672	38739	474	19	0.0	34.0	0.8
data6-8-47-06767.txt	8	6	47	37	10.5	37	37.0	17672	38803	986	25	0.0	33.0	0.8
data6-8-47-06768.txt	8	6	47	32	1.0	32	32.0	17672	38831	0	0	0.0	30.5	0.5
data6-8-47-06769.txt	8	6	47	33	0.6	33	33.0	17672	38667	0	9	0.0	30.0	0.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-8-47-06770.txt	8	6	47	40	24.9	40	40.0	17672	39170	2351	43	0.0	37.2	1.1
data6-8-47-06771.txt	8	6	47	39	1.6	39	39.0	17672	38919	0	3	0.0	38.0	0.7
data6-8-47-06772.txt	8	6	47	40	3.8	40	40.0	17672	39501	1	0	0.0	37.5	1.3
data6-8-47-06773.txt	8	6	47	36	1.1	36	36.0	17672	38710	0	2	0.0	34.5	0.6
data6-8-47-06774.txt	8	6	47	43	2.3	43	43.0	17672	38954	1	36	0.0	40.5	1.0
data6-8-47-06775.txt	8	6	47	32	0.6	32	32.0	17672	38567	0	0	0.0	32.0	0.5
data6-8-47-06776.txt	8	6	47	45	7.5	45	45.0	17672	39158	15	63	0.0	41.0	1.7
data6-8-47-06777.txt	8	6	47	35	13.1	35	35.0	17672	38957	943	0	0.0	32.0	0.7
data6-8-47-06778.txt	8	6	47	37	1.5	37	37.0	17672	38721	1	4	0.0	35.3	0.6
data6-8-47-06779.txt	8	6	47	36	1.1	36	36.0	17672	38705	0	0	0.0	36.0	0.8
data6-8-47-06780.txt	8	6	47	43	2.0	43	43.0	17672	39016	84	105	0.0	42.0	0.9
data6-8-47-06781.txt	8	6	47	44	1.8	44	44.0	17672	38923	1	15	0.0	41.0	0.7
data6-8-47-06782.txt	8	6	47	43	2.5	43	43.0	17672	39000	1	0	0.0	41.0	1.0
data6-8-47-06783.txt	8	6	47	42	27.9	42	42.0	17672	39263	1867	48	0.0	36.0	1.1
data6-8-47-06784.txt	8	6	47	41	1.2	41	41.0	17672	38801	0	0	0.0	41.0	0.8
data6-8-47-06785.txt	8	6	47	46	1.9	46	46.0	17672	39312	1	0	0.0	45.0	1.6
data6-8-47-06786.txt	8	6	47	41	1.6	41	41.0	17672	38736	1	26	0.0	39.5	0.8
data6-8-47-06787.txt	8	6	47	34	1.4	34	34.0	17672	38994	0	0	0.0	32.5	0.9
data6-8-47-06788.txt	8	6	47	38	27.4	38	38.0	17672	38948	1079	0	0.0	33.5	1.1
data6-8-47-06789.txt	8	6	47	36	1.7	36	36.0	17672	38453	1	41	0.0	34.1	0.7
data6-8-47-06790.txt	8	6	47	41	1.4	41	41.0	17672	39085	0	0	0.0	41.0	0.9
data6-8-47-06791.txt	8	6	47	36	1.1	36	36.0	17672	38612	0	4	0.0	34.0	0.6
data6-8-47-06792.txt	8	6	47	42	7.9	42	42.0	17672	39230	95	21	0.0	37.5	1.1
data6-8-47-06793.txt	8	6	47	42	1.3	42	42.0	17672	39027	1	39	0.0	41.0	0.7
data6-8-47-06794.txt	8	6	47	45	2.1	45	45.0	17672	38988	1	4	0.0	43.0	0.7
data6-8-47-06795.txt	8	6	47	42	1.0	42	42.0	17672	38614	0	0	0.0	41.2	0.7
data6-8-47-06796.txt	8	6	47	38	3.3	38	38.0	17672	38902	128	41	0.0	34.5	0.8
data6-8-47-06797.txt	8	6	47	35	1.0	35	35.0	17672	38733	1	5	0.0	33.5	0.6
data6-8-47-06798.txt	8	6	47	31	0.7	31	31.0	17672	38545	0	0	0.0	30.5	0.5
data6-8-47-06799.txt	8	6	47	40	18.0	40	40.0	17672	39084	3824	134	0.0	37.0	0.9
data6-8-47-06800.txt	8	6	47	33	2.2	33	33.0	17672	39010	8	53	0.0	31.0	0.7
data6-9-48-08701.txt	9	6	48	39	23.5	39	39.0	20736	45694	609	6	0.0	35.0	1.5
data6-9-48-08702.txt	9	6	48	38	1.6	38	38.0	20736	45428	0	0	0.0	38.0	1.3
data6-9-48-08703.txt	9	6	48	33	2.2	33	33.0	20736	45715	1	0	0.0	31.5	1.0
data6-9-48-08704.txt	9	6	48	34	1.4	34	34.0	20736	45614	0	0	0.0	33.5	1.0
data6-9-48-08705.txt	9	6	48	37	267.8	37	37.0	20736	45549	28421	203	0.1	32.0	1.1
data6-9-48-08706.txt	9	6	48	32	0.9	32	32.0	20736	45154	0	0	0.0	32.0	0.7
data6-9-48-08707.txt	9	6	48	32	1.5	32	32.0	20736	45425	0	0	0.0	31.0	0.9
data6-9-48-08708.txt	9	6	48	34	1.5	34	34.0	20736	45529	0	1	0.0	33.0	1.0
data6-9-48-08709.txt	9	6	48	38	19.6	38	38.0	20736	46011	908	0	0.0	34.0	2.2
data6-9-48-08710.txt	9	6	48	38	1.5	38	38.0	20736	45630	0	0	0.0	37.5	1.2
data6-9-48-08711.txt	9	6	48	38	33.4	38	38.0	20736	45795	1187	1	0.0	33.9	1.0
data6-9-48-08712.txt	9	6	48	33	1.9	33	33.0	20736	45411	0	0	0.0	32.0	1.1
data6-9-48-08713.txt	9	6	48	35	3.7	35	35.0	20736	45472	1	0	0.0	32.4	1.0
data6-9-48-08714.txt	9	6	48	37	10.0	37	37.0	20736	45693	3	0	0.0	34.3	1.7
data6-9-48-08715.txt	9	6	48	36	3.1	36	36.0	20736	45276	1	0	0.0	34.3	0.9
data6-9-48-08716.txt	9	6	48	47	50.1	47	47.0	20736	45559	726	66	0.0	43.2	2.1
data6-9-48-08717.txt	9	6	48	33	1.2	33	33.0	20736	45243	0	0	0.0	33.0	0.7
data6-9-48-08718.txt	9	6	48	31	1.9	31	31.0	20736	45579	1	0	0.0	29.5	0.9
data6-9-48-08719.txt	9	6	48	35	2.0	35	35.0	20736	45415	1	0	0.0	32.5	0.7
data6-9-48-08720.txt	9	6	48	40	5.1	40	40.0	20736	45875	1	0	0.0	38.0	1.9
data6-9-48-08721.txt	9	6	48	35	2.5	35	35.0	20736	45241	1	0	0.0	33.0	1.0
data6-9-48-08722.txt	9	6	48	40	7.4	40	40.0	20736	45708	1	3	0.0	37.0	2.4
data6-9-48-08723.txt	9	6	48	41	6.6	41	41.0	20736	45897	1	4	0.0	39.0	2.2
data6-9-48-08724.txt	9	6	48	36	1.6	36	36.0	20736	45258	0	0	0.0	35.0	0.7
data6-9-48-08725.txt	9	6	48	28	0.8	28	28.0	20736	45072	0	0	0.0	28.0	0.5
data6-9-48-08726.txt	9	6	48	36	4.7	36	36.0	20736	45677	1	5	0.0	33.3	1.1
data6-9-48-08727.txt	9	6	48	33	1.7	33	33.0	20736	45560	0	0	0.0	31.5	1.0
data6-9-48-08728.txt	9	6	48	38	3.9	38	38.0	20736	45787	23	14	0.0	35.6	1.2
data6-9-48-08729.txt	9	6	48	36	1.4	36	36.0	20736	45497	0	0	0.0	35.2	1.0
data6-9-48-08730.txt	9	6	48	37	5.8	37	37.0	20736	45724	37	0	0.0	34.0	1.3
data6-9-48-08731.txt	9	6	48	31	1.2	31	31.0	20736	45416	0	0	0.0	30.0	0.6
data6-9-48-08732.txt	9	6	48	37	33.2	37	37.0	20736	45627	1414	0	0.0	31.5	0.9
data6-9-48-08733.txt	9	6	48	28	1.1	28	28.0	20736	45255	0	0	0.0	27.5	0.7
data6-9-48-08734.txt	9	6	48	31	1.0	31	31.0	20736	45481	0	0	0.0	31.0	0.8
data6-9-48-08735.txt	9	6	48	37	2.2	37	37.0	20736	45284	1	0	0.0	34.2	0.8
data6-9-48-08736.txt	9	6	48	36	5.5	37	36.0	20736	45371	193	81	0.0	33.5	1.0
data6-9-48-08737.txt	9	6	48	39	8.3	39	39.0	20736	45749	1	0	0.0	35.5	2.1
data6-9-48-08738.txt	9	6	48	41	98.7	41	41.0	20736	45951	1551	59	0.0	39.0	1.8
data6-9-48-08739.txt	9	6	48	29	1.3	29	29.0	20736	45480	0	0	0.0	29.0	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-48-08740.txt	9	6	48	34	2.0	34	34.0	20736	45802	1	17	0.0	33.0	0.9
data6-9-48-08741.txt	9	6	48	35	5.2	35	35.0	20736	45834	1	0	0.0	32.0	1.3
data6-9-48-08742.txt	9	6	48	35	2.2	35	35.0	20736	45733	1	0	0.0	33.2	1.0
data6-9-48-08743.txt	9	6	48	31	1.0	31	31.0	20736	45488	0	0	0.0	31.0	0.7
data6-9-48-08744.txt	9	6	48	34	2.3	34	34.0	20736	45402	1	0	0.0	31.5	0.9
data6-9-48-08745.txt	9	6	48	38	2.3	38	38.0	20736	45750	0	0	0.0	37.0	1.5
data6-9-48-08746.txt	9	6	48	33	1.2	33	33.0	20736	45528	0	0	0.0	33.0	0.9
data6-9-48-08747.txt	9	6	48	34	1.4	34	34.0	20736	45239	0	0	0.0	33.5	1.2
data6-9-48-08748.txt	9	6	48	35	2.1	35	35.0	20736	45697	0	0	0.0	34.0	1.3
data6-9-48-08749.txt	9	6	48	33	1.6	33	33.0	20736	45451	0	0	0.0	33.0	0.9
data6-9-48-08750.txt	9	6	48	29	1.0	29	29.0	20736	45202	0	0	0.0	29.0	0.6
data6-9-48-08751.txt	9	6	48	32	1.1	32	32.0	20736	45617	0	0	0.0	31.2	0.9
data6-9-48-08752.txt	9	6	48	33	1.0	33	33.0	20736	45237	0	0	0.0	32.5	0.7
data6-9-48-08753.txt	9	6	48	34	1.9	34	34.0	20736	45795	0	0	0.0	33.0	1.1
data6-9-48-08754.txt	9	6	48	36	4.3	36	36.0	20736	46132	1	31	0.0	33.5	0.9
data6-9-48-08755.txt	9	6	48	36	1.3	36	36.0	20736	45709	0	0	0.0	35.5	0.9
data6-9-48-08756.txt	9	6	48	34	27.7	34	34.0	20736	45299	1025	5	0.0	29.3	1.2
data6-9-48-08757.txt	9	6	48	36	2.4	36	36.0	20736	45403	1	0	0.0	34.0	0.9
data6-9-48-08758.txt	9	6	48	35	1.5	35	35.0	20736	45756	0	0	0.0	34.5	1.1
data6-9-48-08759.txt	9	6	48	28	0.9	28	28.0	20736	45157	0	0	0.0	28.0	0.6
data6-9-48-08760.txt	9	6	48	35	1.4	35	35.0	20736	45355	0	0	0.0	34.5	1.0
data6-9-48-08761.txt	9	6	48	35	2.6	35	35.0	20736	45487	1	0	0.0	32.5	1.1
data6-9-48-08762.txt	9	6	48	37	1.8	37	37.0	20736	45854	0	0	0.0	37.0	1.3
data6-9-48-08763.txt	9	6	48	39	3.8	39	39.0	20736	45797	1	0	0.0	36.5	1.5
data6-9-48-08764.txt	9	6	48	42	20.7	42	42.0	20736	45733	1327	49	0.0	36.5	1.2
data6-9-48-08765.txt	9	6	48	40	4.2	40	40.0	20736	45735	1	18	0.0	38.5	1.6
data6-9-48-08766.txt	9	6	48	32	1.6	32	32.0	20736	45676	0	0	0.0	32.0	1.3
data6-9-48-08767.txt	9	6	48	31	0.8	31	31.0	20736	45287	0	0	0.0	31.0	0.6
data6-9-48-08768.txt	9	6	48	34	1.7	34	34.0	20736	45862	0	0	0.0	32.5	0.8
data6-9-48-08769.txt	9	6	48	35	1.5	35	35.0	20736	45335	1	2	0.0	32.0	0.6
data6-9-48-08770.txt	9	6	48	34	2.7	34	34.0	20736	45460	33	35	0.0	32.3	1.0
data6-9-48-08771.txt	9	6	48	36	1.6	36	36.0	20736	45472	0	0	0.0	35.5	1.3
data6-9-48-08772.txt	9	6	48	34	2.2	34	34.0	20736	45247	1	8	0.0	31.5	0.7
data6-9-48-08773.txt	9	6	48	29	1.2	29	29.0	20736	45581	0	0	0.0	28.5	0.8
data6-9-48-08774.txt	9	6	48	36	20.1	36	36.0	20736	45860	928	0	0.0	32.8	1.3
data6-9-48-08775.txt	9	6	48	37	2.2	37	37.0	20736	45821	0	0	0.0	37.0	1.1
data6-9-48-08776.txt	9	6	48	32	0.9	32	32.0	20736	45153	0	0	0.0	31.5	0.6
data6-9-48-08777.txt	9	6	48	37	1.9	37	37.0	20736	45328	1	12	0.0	35.0	0.8
data6-9-48-08778.txt	9	6	48	29	0.9	29	29.0	20736	45246	0	0	0.0	29.0	0.6
data6-9-48-08779.txt	9	6	48	33	1.3	33	33.0	20736	45605	0	0	0.0	32.5	0.9
data6-9-48-08780.txt	9	6	48	35	41.4	35	35.0	20736	45713	1819	19	0.0	32.0	1.3
data6-9-48-08781.txt	9	6	48	39	4.3	39	39.0	20736	45827	1	19	0.0	37.0	2.1
data6-9-48-08782.txt	9	6	48	29	0.9	29	29.0	20736	45498	0	1	0.0	28.0	0.7
data6-9-48-08783.txt	9	6	48	37	1.3	37	37.0	20736	45603	0	0	0.0	37.0	0.9
data6-9-48-08784.txt	9	6	48	38	6.2	38	38.0	20736	45762	1	0	0.0	35.0	2.5
data6-9-48-08785.txt	9	6	48	43	2.2	43	43.0	20736	45973	0	0	0.0	42.5	1.9
data6-9-48-08786.txt	9	6	48	36	6.1	36	36.0	20736	45698	33	10	0.0	32.5	0.9
data6-9-48-08787.txt	9	6	48	27	1.7	27	27.0	20736	45452	0	1	0.0	26.0	0.9
data6-9-48-08788.txt	9	6	48	32	1.6	32	32.0	20736	45591	0	0	0.0	30.8	0.9
data6-9-48-08789.txt	9	6	48	41	105.4	42	41.0	20736	45899	754	118	0.0	36.7	1.6
data6-9-48-08790.txt	9	6	48	37	17.9	37	37.0	20736	45876	1088	42	0.0	35.0	1.2
data6-9-48-08791.txt	9	6	48	29	1.2	29	29.0	20736	45106	0	0	0.0	28.0	0.8
data6-9-48-08792.txt	9	6	48	36	1.6	36	36.0	20736	45792	0	0	0.0	35.5	1.1
data6-9-48-08793.txt	9	6	48	33	1.7	33	33.0	20736	45618	1	18	0.0	32.0	0.8
data6-9-48-08794.txt	9	6	48	33	2.6	34	33.0	20736	45420	3	24	0.0	31.5	0.8
data6-9-48-08795.txt	9	6	48	33	2.2	33	33.0	20736	45514	1	0	0.0	30.5	0.7
data6-9-48-08796.txt	9	6	48	43	64.4	43	43.0	20736	45827	1153	0	0.0	37.3	1.7
data6-9-48-08797.txt	9	6	48	35	4.6	36	35.0	20736	45683	1	3	0.0	32.5	1.0
data6-9-48-08798.txt	9	6	48	32	1.2	32	32.0	20736	45408	0	0	0.0	32.0	0.8
data6-9-48-08799.txt	9	6	48	35	1.5	35	35.0	20736	45279	0	0	0.0	33.5	1.1
data6-9-48-08800.txt	9	6	48	41	3.3	41	41.0	20736	45771	18	60	0.0	40.0	1.3
data6-9-49-08801.txt	9	6	49	37	2.5	37	37.0	21609	47477	1	0	0.0	34.0	1.0
data6-9-49-08802.txt	9	6	49	41	3.2	41	41.0	21609	47556	1	38	0.0	40.0	2.2
data6-9-49-08803.txt	9	6	49	40	4.1	40	40.0	21609	47743	1	0	0.0	37.9	1.4
data6-9-49-08804.txt	9	6	49	34	1.2	34	34.0	21609	47523	0	0	0.0	34.0	0.8
data6-9-49-08805.txt	9	6	49	35	11.0	36	35.0	21609	48049	1	4	0.0	31.5	2.0
data6-9-49-08806.txt	9	6	49	32	1.3	32	32.0	21609	47378	0	0	0.0	32.0	1.0
data6-9-49-08807.txt	9	6	49	42	4.8	42	42.0	21609	47781	1	0	0.0	39.5	2.8
data6-9-49-08808.txt	9	6	49	32	2.2	32	32.0	21609	47368	0	0	0.0	31.0	0.9
data6-9-49-08809.txt	9	6	49	35	4.3	35	35.0	21609	47561	1	15	0.0	32.5	1.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-49-08810.txt	9	6	49	35	1.1	35	35.0	21609	46989	0	0	0.0	35.0	0.7
data6-9-49-08811.txt	9	6	49	35	1.8	35	35.0	21609	47627	0	12	0.0	34.0	1.1
data6-9-49-08812.txt	9	6	49	37	1.4	37	37.0	21609	47309	0	0	0.0	37.0	0.9
data6-9-49-08813.txt	9	6	49	35	3.3	35	35.0	21609	47801	3	13	0.0	33.1	1.0
data6-9-49-08814.txt	9	6	49	39	5.4	39	39.0	21609	47635	1	0	0.0	37.0	2.2
data6-9-49-08815.txt	9	6	49	37	40.7	38	37.0	21609	47637	1319	80	0.0	34.0	0.9
data6-9-49-08816.txt	9	6	49	38	6.4	38	38.0	21609	47936	1	23	0.0	36.0	1.4
data6-9-49-08817.txt	9	6	49	37	1.1	37	37.0	21609	46757	0	0	0.0	37.0	0.8
data6-9-49-08818.txt	9	6	49	36	4.2	36	36.0	21609	47235	1	0	0.0	33.8	1.6
data6-9-49-08819.txt	9	6	49	39	12.2	39	39.0	21609	47414	30	0	0.0	36.0	1.9
data6-9-49-08820.txt	9	6	49	38	1.4	38	38.0	21609	47182	0	0	0.0	38.0	0.9
data6-9-49-08821.txt	9	6	49	38	1.2	38	38.0	21609	47161	0	0	0.0	37.5	0.9
data6-9-49-08822.txt	9	6	49	34	6.8	35	34.0	21609	47360	138	2	0.0	30.7	1.0
data6-9-49-08823.txt	9	6	49	32	1.6	32	32.0	21609	47324	0	0	0.0	31.0	0.9
data6-9-49-08824.txt	9	6	49	39	3.3	39	39.0	21609	47514	1	0	0.0	36.0	1.5
data6-9-49-08825.txt	9	6	49	32	1.2	32	32.0	21609	47426	0	0	0.0	31.2	0.9
data6-9-49-08826.txt	9	6	49	36	1.4	36	36.0	21609	46996	0	0	0.0	35.3	0.9
data6-9-49-08827.txt	9	6	49	40	13.8	40	40.0	21609	47840	508	52	0.0	37.0	2.2
data6-9-49-08828.txt	9	6	49	42	4.1	42	42.0	21609	47346	1	0	0.0	39.5	2.4
data6-9-49-08829.txt	9	6	49	31	1.3	31	31.0	21609	47561	0	0	0.0	30.3	0.9
data6-9-49-08830.txt	9	6	49	43	3.6	43	43.0	21609	48095	0	0	0.0	42.0	2.6
data6-9-49-08831.txt	9	6	49	31	0.8	31	31.0	21609	46867	0	0	0.0	31.0	0.6
data6-9-49-08832.txt	9	6	49	36	2.3	36	36.0	21609	47631	1	19	0.0	34.5	1.0
data6-9-49-08833.txt	9	6	49	35	1.9	35	35.0	21609	47713	0	0	0.0	34.0	1.2
data6-9-49-08834.txt	9	6	49	40	1.2	40	40.0	21609	47203	0	0	0.0	40.0	0.9
data6-9-49-08835.txt	9	6	49	33	1.6	33	33.0	21609	47638	0	0	0.0	32.0	0.7
data6-9-49-08836.txt	9	6	49	43	3.9	43	43.0	21609	47794	1	17	0.0	41.5	3.1
data6-9-49-08837.txt	9	6	49	32	1.8	32	32.0	21609	47458	0	0	0.0	32.0	1.3
data6-9-49-08838.txt	9	6	49	30	1.2	30	30.0	21609	47323	0	0	0.0	30.0	0.8
data6-9-49-08839.txt	9	6	49	35	1.6	35	35.0	21609	47463	0	0	0.0	35.0	0.9
data6-9-49-08840.txt	9	6	49	41	2.0	41	41.0	21609	47701	0	0	0.0	40.5	1.5
data6-9-49-08841.txt	9	6	49	39	3.4	39	39.0	21609	48156	1	0	0.0	37.0	1.5
data6-9-49-08842.txt	9	6	49	39	2.3	39	39.0	21609	47325	1	0	0.0	36.5	0.8
data6-9-49-08843.txt	9	6	49	42	13.0	43	42.0	21609	47547	229	50	0.0	38.5	2.0
data6-9-49-08844.txt	9	6	49	38	2.7	38	38.0	21609	47910	1	4	0.0	35.3	0.9
data6-9-49-08845.txt	9	6	49	44	12.9	44	44.0	21609	47631	34	14	0.0	40.0	1.0
data6-9-49-08846.txt	9	6	49	41	2.2	41	41.0	21609	47898	0	0	0.0	39.5	1.3
data6-9-49-08847.txt	9	6	49	35	1.7	35	35.0	21609	47340	0	0	0.0	34.0	1.0
data6-9-49-08848.txt	9	6	49	38	7.1	38	38.0	21609	47847	45	0	0.0	34.5	1.4
data6-9-49-08849.txt	9	6	49	39	45.0	39	39.0	21609	48070	1406	11	0.0	37.0	1.6
data6-9-49-08850.txt	9	6	49	32	1.1	32	32.0	21609	47292	0	0	0.0	30.8	0.7
data6-9-49-08851.txt	9	6	49	41	8.4	41	41.0	21609	47860	347	73	0.0	38.0	1.1
data6-9-49-08852.txt	9	6	49	43	10.6	43	43.0	21609	48017	91	0	0.0	39.5	2.4
data6-9-49-08853.txt	9	6	49	39	2.5	39	39.0	21609	47659	33	42	0.0	38.0	1.2
data6-9-49-08854.txt	9	6	49	29	1.0	29	29.0	21609	47147	0	6	0.0	28.0	0.5
data6-9-49-08855.txt	9	6	49	35	2.5	35	35.0	21609	47486	1	8	0.0	33.0	0.9
data6-9-49-08856.txt	9	6	49	40	1.8	40	40.0	21609	47934	0	0	0.0	39.1	1.2
data6-9-49-08857.txt	9	6	49	30	0.9	30	30.0	21609	46969	0	0	0.0	30.0	0.5
data6-9-49-08858.txt	9	6	49	33	1.6	33	33.0	21609	47331	0	0	0.0	32.0	0.9
data6-9-49-08859.txt	9	6	49	40	2.4	40	40.0	21609	47261	1	14	0.0	38.5	0.8
data6-9-49-08860.txt	9	6	49	34	13.2	34	34.0	21609	47487	892	0	0.0	29.0	1.0
data6-9-49-08861.txt	9	6	49	35	2.2	35	35.0	21609	47314	1	0	0.0	32.5	0.9
data6-9-49-08862.txt	9	6	49	33	1.6	33	33.0	21609	47188	1	9	0.0	32.0	0.9
data6-9-49-08863.txt	9	6	49	44	3.1	44	44.0	21609	47786	1	0	0.0	43.0	1.4
data6-9-49-08864.txt	9	6	49	42	16.2	42	42.0	21609	47492	697	3	0.0	36.0	1.2
data6-9-49-08865.txt	9	6	49	34	1.8	34	34.0	21609	47499	0	0	0.0	32.7	1.2
data6-9-49-08866.txt	9	6	49	38	3.4	38	38.0	21609	47434	1	1	0.0	36.2	1.4
data6-9-49-08867.txt	9	6	49	27	0.8	27	27.0	21609	46550	1	0	0.0	26.0	0.5
data6-9-49-08868.txt	9	6	49	43	20.8	43	43.0	21609	47642	1819	27	0.0	39.5	1.1
data6-9-49-08869.txt	9	6	49	38	6.0	38	38.0	21609	47584	1	1	0.0	34.5	1.2
data6-9-49-08870.txt	9	6	49	42	3.5	42	42.0	21609	47862	1	0	0.0	40.0	2.8
data6-9-49-08871.txt	9	6	49	36	1.7	36	36.0	21609	47244	0	0	0.0	35.5	1.1
data6-9-49-08872.txt	9	6	49	34	3.2	34	34.0	21609	47530	1	0	0.0	32.0	1.0
data6-9-49-08873.txt	9	6	49	42	27.3	42	42.0	21609	47741	1235	6	0.0	37.4	1.3
data6-9-49-08874.txt	9	6	49	37	19.1	37	37.0	21609	47342	1349	8	0.0	33.2	1.1
data6-9-49-08875.txt	9	6	49	37	2.6	37	37.0	21609	47424	1	0	0.0	34.8	1.1
data6-9-49-08876.txt	9	6	49	40	3.8	40	40.0	21609	47438	1	4	0.0	37.5	1.1
data6-9-49-08877.txt	9	6	49	35	1.2	35	35.0	21609	47600	0	10	0.0	34.0	0.8
data6-9-49-08878.txt	9	6	49	38	15.9	38	38.0	21609	47218	1023	10	0.0	32.2	1.1
data6-9-49-08879.txt	9	6	49	35	3.3	35	35.0	21609	47588	4	9	0.0	32.8	1.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-49-08880.txt	9	6	49	42	8.1	42	42.0	21609	47905	66	4	0.0	38.0	1.9
data6-9-49-08881.txt	9	6	49	35	8.6	35	35.0	21609	47358	680	20	0.0	32.2	0.7
data6-9-49-08882.txt	9	6	49	41	4.2	41	41.0	21609	47547	81	55	0.0	38.0	1.5
data6-9-49-08883.txt	9	6	49	42	1.9	42	42.0	21609	47376	0	10	0.0	41.0	1.1
data6-9-49-08884.txt	9	6	49	34	2.1	34	34.0	21609	47800	1	14	0.0	33.0	0.9
data6-9-49-08885.txt	9	6	49	36	8.7	36	36.0	21609	47537	1079	51	0.0	30.3	0.9
data6-9-49-08886.txt	9	6	49	28	1.2	28	28.0	21609	47114	0	0	0.0	27.0	0.7
data6-9-49-08887.txt	9	6	49	38	6.0	38	38.0	21609	47818	1	0	0.0	35.0	1.4
data6-9-49-08888.txt	9	6	49	33	2.7	33	33.0	21609	47459	1	13	0.0	31.0	1.0
data6-9-49-08889.txt	9	6	49	36	11.3	36	36.0	21609	47768	333	0	0.0	31.8	1.5
data6-9-49-08890.txt	9	6	49	33	2.4	33	33.0	21609	47563	1	0	0.0	31.0	0.8
data6-9-49-08891.txt	9	6	49	39	2.3	39	39.0	21609	47430	1	0	0.0	37.0	1.0
data6-9-49-08892.txt	9	6	49	24	0.7	24	24.0	21609	46645	0	0	0.0	24.0	0.5
data6-9-49-08893.txt	9	6	49	36	1.5	36	36.0	21609	47444	0	0	0.0	34.1	0.9
data6-9-49-08894.txt	9	6	49	34	1.3	34	34.0	21609	47017	0	0	0.0	34.0	0.8
data6-9-49-08895.txt	9	6	49	37	4.2	37	37.0	21609	47598	1	6	0.0	35.0	1.1
data6-9-49-08896.txt	9	6	49	38	3.4	38	38.0	21609	47454	1	12	0.0	34.5	1.4
data6-9-49-08897.txt	9	6	49	42	3.9	42	42.0	21609	47742	1	0	0.0	39.8	1.8
data6-9-49-08898.txt	9	6	49	34	3.4	34	34.0	21609	47687	1	0	0.0	32.0	1.2
data6-9-49-08899.txt	9	6	49	39	4.4	39	39.0	21609	47532	1	2	0.0	37.0	1.5
data6-9-49-08900.txt	9	6	49	43	12.3	43	43.0	21609	47572	750	12	0.0	38.5	1.3
data6-9-50-08901.txt	9	6	50	45	112.6	45	45.0	22500	49887	879	46	0.0	39.0	2.4
data6-9-50-08902.txt	9	6	50	41	3.6	41	41.0	22500	50025	0	0	0.0	39.3	2.2
data6-9-50-08903.txt	9	6	50	49	38.8	49	49.0	22500	50201	454	0	0.0	44.0	4.7
data6-9-50-08904.txt	9	6	50	35	2.2	35	35.0	22500	49301	1	17	0.0	32.4	0.8
data6-9-50-08905.txt	9	6	50	39	31.9	39	39.0	22500	49347	1635	3	0.0	35.0	1.5
data6-9-50-08906.txt	9	6	50	38	3.5	38	38.0	22500	49463	1	3	0.0	35.8	1.1
data6-9-50-08907.txt	9	6	50	38	2.1	38	38.0	22500	49364	0	0	0.0	38.0	1.2
data6-9-50-08908.txt	9	6	50	41	7.6	41	41.0	22500	49890	32	46	0.0	37.0	1.2
data6-9-50-08909.txt	9	6	50	39	3.8	39	39.0	22500	49360	1	4	0.0	37.0	1.2
data6-9-50-08910.txt	9	6	50	47	72.5	47	47.0	22500	49975	1199	178	0.1	43.0	3.0
data6-9-50-08911.txt	9	6	50	39	6.4	39	39.0	22500	49392	96	27	0.0	36.0	1.2
data6-9-50-08912.txt	9	6	50	38	4.6	38	38.0	22500	49633	5	7	0.0	36.2	1.6
data6-9-50-08913.txt	9	6	50	45	13.1	45	45.0	22500	49691	357	12	0.0	42.0	1.3
data6-9-50-08914.txt	9	6	50	49	13.3	49	49.0	22500	49913	1	48	0.0	44.5	4.1
data6-9-50-08915.txt	9	6	50	33	1.6	33	33.0	22500	49095	0	0	0.0	32.0	0.8
data6-9-50-08916.txt	9	6	50	39	1.9	39	39.0	22500	49471	0	0	0.0	38.0	0.9
data6-9-50-08917.txt	9	6	50	32	1.4	32	32.0	22500	49083	0	0	0.0	31.5	0.8
data6-9-50-08918.txt	9	6	50	25	0.8	25	25.0	22500	48775	0	0	0.0	24.3	0.7
data6-9-50-08919.txt	9	6	50	38	2.1	38	38.0	22500	49684	0	0	0.0	38.0	2.0
data6-9-50-08920.txt	9	6	50	33	1.1	33	33.0	22500	48944	0	0	0.0	29.5	0.7
data6-9-50-08921.txt	9	6	50	48	16.6	48	48.0	22500	49903	411	31	0.0	44.8	2.4
data6-9-50-08922.txt	9	6	50	41	3.7	41	41.0	22500	49538	1	3	0.0	39.0	1.6
data6-9-50-08923.txt	9	6	50	38	1.2	38	38.0	22500	49477	0	0	0.0	38.0	0.9
data6-9-50-08924.txt	9	6	50	35	2.4	35	35.0	22500	48999	1	0	0.0	32.5	0.8
data6-9-50-08925.txt	9	6	50	50	3.2	50	50.0	22500	49913	1	21	0.0	49.0	1.3
data6-9-50-08926.txt	9	6	50	40	2.0	40	40.0	22500	48908	1	19	0.0	38.5	0.9
data6-9-50-08927.txt	9	6	50	39	11.7	39	39.0	22500	49729	9	0	0.0	37.0	2.6
data6-9-50-08928.txt	9	6	50	39	2.1	39	39.0	22500	49693	1	2	0.0	37.0	1.1
data6-9-50-08929.txt	9	6	50	37	2.1	37	37.0	22500	48745	1	0	0.0	36.0	0.7
data6-9-50-08930.txt	9	6	50	43	102.0	43	43.0	22500	49637	1728	11	0.0	38.2	1.7
data6-9-50-08931.txt	9	6	50	37	1.3	37	37.0	22500	49150	0	0	0.0	36.0	1.0
data6-9-50-08932.txt	9	6	50	49	174.2	49	49.0	22500	49844	2004	56	0.0	44.0	4.5
data6-9-50-08933.txt	9	6	50	34	1.9	34	34.0	22500	49324	1	8	0.0	33.0	0.9
data6-9-50-08934.txt	9	6	50	43	5.3	43	43.0	22500	49816	1	0	0.0	41.0	2.3
data6-9-50-08935.txt	9	6	50	40	109.4	41	40.0	22500	49783	1156	48	0.0	38.0	1.4
data6-9-50-08936.txt	9	6	50	41	2.1	41	41.0	22500	49619	0	10	0.0	40.0	1.4
data6-9-50-08937.txt	9	6	50	46	116.9	46	46.0	22500	49789	1465	4	0.0	42.2	1.9
data6-9-50-08938.txt	9	6	50	44	13.0	44	44.0	22500	49742	65	18	0.0	41.0	1.7
data6-9-50-08939.txt	9	6	50	48	4.1	48	48.0	22500	49685	1	19	0.0	45.5	1.4
data6-9-50-08940.txt	9	6	50	38	1.9	38	38.0	22500	49625	0	0	0.0	36.5	1.1
data6-9-50-08941.txt	9	6	50	47	21.6	47	47.0	22500	49439	441	57	0.0	43.9	2.2
data6-9-50-08942.txt	9	6	50	43	3.0	43	43.0	22500	49423	1	2	0.0	42.0	2.2
data6-9-50-08943.txt	9	6	50	32	1.4	32	32.0	22500	48990	0	0	0.0	32.0	0.8
data6-9-50-08944.txt	9	6	50	36	2.2	36	36.0	22500	49394	1	0	0.0	34.0	0.9
data6-9-50-08945.txt	9	6	50	37	1.8	37	37.0	22500	49423	0	0	0.0	36.0	0.9
data6-9-50-08946.txt	9	6	50	38	2.1	38	38.0	22500	49611	0	1	0.0	37.0	1.2
data6-9-50-08947.txt	9	6	50	43	48.2	44	43.0	22500	49280	749	89	0.0	40.0	1.4
data6-9-50-08948.txt	9	6	50	39	2.5	39	39.0	22500	49417	30	35	0.0	38.0	1.3
data6-9-50-08949.txt	9	6	50	37	2.1	37	37.0	22500	49721	0	3	0.0	36.0	1.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-50-08950.txt	9	6	50	37	1.5	37	37.0	22500	49453	0	0	0.0	37.0	1.0
data6-9-50-08951.txt	9	6	50	41	1.3	41	41.0	22500	49715	0	0	0.0	40.5	1.1
data6-9-50-08952.txt	9	6	50	40	1.9	40	40.0	22500	49438	1	0	0.0	38.0	0.8
data6-9-50-08953.txt	9	6	50	34	2.0	34	34.0	22500	49052	1	6	0.0	32.1	0.7
data6-9-50-08954.txt	9	6	50	36	5.7	36	36.0	22500	49665	1	0	0.0	33.0	1.3
data6-9-50-08955.txt	9	6	50	40	3.1	40	40.0	22500	49443	1	20	0.0	38.7	1.5
data6-9-50-08956.txt	9	6	50	40	4.9	40	40.0	22500	49667	1	48	0.0	38.0	1.3
data6-9-50-08957.txt	9	6	50	49	229.2	49	49.0	22500	49569	2599	15	0.0	43.5	2.6
data6-9-50-08958.txt	9	6	50	41	5.9	41	41.0	22500	49374	1	0	0.0	38.5	2.5
data6-9-50-08959.txt	9	6	50	37	6.4	37	37.0	22500	49449	8	3	0.0	34.0	1.3
data6-9-50-08960.txt	9	6	50	33	3.0	33	33.0	22500	49407	1	0	0.0	31.0	1.1
data6-9-50-08961.txt	9	6	50	34	1.5	34	34.0	22500	48939	0	0	0.0	33.5	0.8
data6-9-50-08962.txt	9	6	50	45	79.9	45	45.0	22500	49471	1384	162	0.1	40.5	1.5
data6-9-50-08963.txt	9	6	50	41	4.0	41	41.0	22500	49551	1	1	0.0	39.0	1.3
data6-9-50-08964.txt	9	6	50	29	1.4	29	29.0	22500	48870	1	3	0.0	27.5	0.8
data6-9-50-08965.txt	9	6	50	46	3.4	46	46.0	22500	49838	41	44	0.0	43.0	1.6
data6-9-50-08966.txt	9	6	50	39	62.3	39	39.0	22500	49360	1441	45	0.0	36.0	1.1
data6-9-50-08967.txt	9	6	50	36	2.9	36	36.0	22500	49452	0	0	0.0	35.0	1.0
data6-9-50-08968.txt	9	6	50	38	2.3	38	38.0	22500	49220	1	0	0.0	35.5	0.8
data6-9-50-08969.txt	9	6	50	40	6.1	40	40.0	22500	49750	1	5	0.0	38.8	2.0
data6-9-50-08970.txt	9	6	50	36	3.0	36	36.0	22500	49748	1	0	0.0	33.5	1.0
data6-9-50-08971.txt	9	6	50	40	11.5	40	40.0	22500	49332	442	4	0.0	36.8	1.2
data6-9-50-08972.txt	9	6	50	42	172.2	42	42.0	22500	49261	6324	165	0.1	37.0	1.1
data6-9-50-08973.txt	9	6	50	42	5.2	42	42.0	22500	49547	1	7	0.0	41.0	2.4
data6-9-50-08974.txt	9	6	50	39	2.7	39	39.0	22500	49549	0	0	0.0	39.0	1.2
data6-9-50-08975.txt	9	6	50	41	2.8	41	41.0	22500	49365	282	112	0.0	40.0	1.2
data6-9-50-08976.txt	9	6	50	37	2.1	37	37.0	22500	49418	1	0	0.0	34.0	0.9
data6-9-50-08977.txt	9	6	50	46	129.1	46	46.0	22500	49869	1141	160	0.1	40.5	1.9
data6-9-50-08978.txt	9	6	50	36	2.1	36	36.0	22500	49337	1	3	0.0	35.0	0.7
data6-9-50-08979.txt	9	6	50	35	59.4	35	35.0	22500	49452	2275	4	0.0	32.2	1.3
data6-9-50-08980.txt	9	6	50	40	4.4	40	40.0	22500	49758	5	7	0.0	38.2	1.4
data6-9-50-08981.txt	9	6	50	36	3.9	36	36.0	22500	49008	43	51	0.0	33.5	1.1
data6-9-50-08982.txt	9	6	50	42	3.3	42	42.0	22500	49740	1	9	0.0	40.3	1.3
data6-9-50-08983.txt	9	6	50	40	76.1	40	40.0	22500	49603	1426	34	0.0	36.0	1.6
data6-9-50-08984.txt	9	6	50	45	74.0	45	45.0	22500	49448	2708	64	0.0	43.0	2.6
data6-9-50-08985.txt	9	6	50	34	1.9	34	34.0	22500	48887	0	0	0.0	33.5	0.7
data6-9-50-08986.txt	9	6	50	40	2.8	40	40.0	22500	49037	1	20	0.0	39.0	1.0
data6-9-50-08987.txt	9	6	50	42	10.4	42	42.0	22500	49288	1	0	0.0	40.0	2.1
data6-9-50-08988.txt	9	6	50	39	29.8	39	39.0	22500	49683	751	0	0.0	35.0	1.2
data6-9-50-08989.txt	9	6	50	37	2.3	37	37.0	22500	49341	0	0	0.0	36.0	1.0
data6-9-50-08990.txt	9	6	50	47	2.0	47	47.0	22500	49718	0	0	0.0	46.5	1.7
data6-9-50-08991.txt	9	6	50	38	3.4	38	38.0	22500	49608	0	0	0.0	38.0	1.5
data6-9-50-08992.txt	9	6	50	36	2.7	36	36.0	22500	49092	0	0	0.0	35.5	0.8
data6-9-50-08993.txt	9	6	50	36	2.7	36	36.0	22500	49209	1	13	0.0	35.0	1.1
data6-9-50-08994.txt	9	6	50	47	2.4	47	47.0	22500	49301	0	0	0.0	45.5	1.8
data6-9-50-08995.txt	9	6	50	49	225.8	49	49.0	22500	49368	4227	73	0.0	43.0	2.7
data6-9-50-08996.txt	9	6	50	34	2.4	34	34.0	22500	49173	0	0	0.0	34.0	0.8
data6-9-50-08997.txt	9	6	50	41	5.8	41	41.0	22500	49540	1	0	0.0	37.5	1.8
data6-9-50-08998.txt	9	6	50	42	200.5	42	42.0	22500	49831	2035	92	0.0	39.1	1.3
data6-9-50-08999.txt	9	6	50	39	1.3	39	39.0	22500	49148	0	0	0.0	38.5	0.9
data6-9-50-09000.txt	9	6	50	38	1.8	38	38.0	22500	49343	0	0	0.0	37.0	1.0
data6-9-51-09001.txt	9	6	51	42	1.5	42	42.0	23409	51468	0	0	0.0	41.5	1.0
data6-9-51-09002.txt	9	6	51	41	2.5	41	41.0	23409	51751	0	0	0.0	40.0	1.3
data6-9-51-09003.txt	9	6	51	34	1.7	34	34.0	23409	51146	0	0	0.0	32.5	0.8
data6-9-51-09004.txt	9	6	51	48	344.9	49	48.0	23409	51329	977	141	0.1	43.0	1.8
data6-9-51-09005.txt	9	6	51	41	34.6	42	41.0	23409	51914	1072	119	0.1	38.0	1.2
data6-9-51-09006.txt	9	6	51	40	2.4	40	40.0	23409	51391	0	0	0.0	40.0	1.6
data6-9-51-09007.txt	9	6	51	36	3.5	36	36.0	23409	51364	0	3	0.0	35.0	1.1
data6-9-51-09008.txt	9	6	51	48	5.1	48	48.0	23409	51565	1	5	0.0	46.0	1.9
data6-9-51-09009.txt	9	6	51	40	2.9	40	40.0	23409	51349	1	36	0.0	39.0	1.2
data6-9-51-09010.txt	9	6	51	34	2.2	34	34.0	23409	51253	1	7	0.0	32.0	0.8
data6-9-51-09011.txt	9	6	51	39	5.8	39	39.0	23409	51347	1	0	0.0	37.0	2.2
data6-9-51-09012.txt	9	6	51	43	4.4	43	43.0	23409	51326	27	82	0.0	37.0	1.0
data6-9-51-09013.txt	9	6	51	48	99.0	48	48.0	23409	51620	2003	129	0.0	42.4	2.3
data6-9-51-09014.txt	9	6	51	30	1.9	30	30.0	23409	50975	0	0	0.0	29.0	0.6
data6-9-51-09015.txt	9	6	51	35	3.4	35	35.0	23409	51362	1	5	0.0	33.2	0.9
data6-9-51-09016.txt	9	6	51	37	12.0	38	37.0	23409	51355	22	16	0.0	35.5	1.2
data6-9-51-09017.txt	9	6	51	38	4.9	38	38.0	23409	51355	1	10	0.0	37.0	1.5
data6-9-51-09018.txt	9	6	51	48	28.8	48	48.0	23409	51669	2056	88	0.0	42.4	1.5
data6-9-51-09019.txt	9	6	51	50	80.7	50	50.0	23409	51817	2352	37	0.0	47.5	2.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-51-09020.txt	9	6	51	38	2.3	38	38.0	23409	51615	0	0	0.0	37.0	1.2
data6-9-51-09021.txt	9	6	51	37	5.2	37	37.0	23409	50834	74	30	0.0	34.1	0.8
data6-9-51-09022.txt	9	6	51	44	3.5	44	44.0	23409	51685	0	0	0.0	43.5	2.4
data6-9-51-09023.txt	9	6	51	39	1.9	39	39.0	23409	51209	1	10	0.0	37.0	0.8
data6-9-51-09024.txt	9	6	51	40	2.1	40	40.0	23409	51778	0	0	0.0	39.0	1.0
data6-9-51-09025.txt	9	6	51	45	4.6	45	45.0	23409	51408	1	0	0.0	43.4	2.4
data6-9-51-09026.txt	9	6	51	31	2.9	31	31.0	23409	51114	0	0	0.0	29.5	1.1
data6-9-51-09027.txt	9	6	51	42	1.9	42	42.0	23409	51614	0	0	0.0	42.0	1.4
data6-9-51-09028.txt	9	6	51	47	2.3	47	47.0	23409	51664	0	0	0.0	47.0	1.6
data6-9-51-09029.txt	9	6	51	39	1.5	39	39.0	23409	51448	0	0	0.0	39.0	1.1
data6-9-51-09030.txt	9	6	51	47	2.7	47	47.0	23409	51665	1	8	0.0	44.5	1.3
data6-9-51-09031.txt	9	6	51	42	12.4	42	42.0	23409	51618	178	0	0.0	37.5	1.9
data6-9-51-09032.txt	9	6	51	38	2.5	38	38.0	23409	51362	0	0	0.0	37.0	1.5
data6-9-51-09033.txt	9	6	51	44	22.4	44	44.0	23409	51445	237	22	0.0	41.5	1.4
data6-9-51-09034.txt	9	6	51	43	3.6	43	43.0	23409	51206	1	0	0.0	40.2	1.2
data6-9-51-09035.txt	9	6	51	42	3.9	42	42.0	23409	51341	1	7	0.0	37.5	1.0
data6-9-51-09036.txt	9	6	51	37	1.3	37	37.0	23409	51341	0	0	0.0	36.5	0.7
data6-9-51-09037.txt	9	6	51	35	2.1	35	35.0	23409	51516	0	0	0.0	33.5	1.1
data6-9-51-09038.txt	9	6	51	40	2.6	40	40.0	23409	51459	1	0	0.0	37.9	1.3
data6-9-51-09039.txt	9	6	51	36	59.1	36	36.0	23409	51456	2391	47	0.0	32.4	1.2
data6-9-51-09040.txt	9	6	51	44	82.9	44	44.0	23409	51940	3047	33	0.0	42.0	1.8
data6-9-51-09041.txt	9	6	51	35	1.9	35	35.0	23409	51335	0	2	0.0	34.0	0.9
data6-9-51-09042.txt	9	6	51	45	4.8	45	45.0	23409	51313	1	25	0.0	41.5	1.0
data6-9-51-09043.txt	9	6	51	44	7.0	44	44.0	23409	51560	272	57	0.0	41.5	1.4
data6-9-51-09044.txt	9	6	51	34	2.0	34	34.0	23409	51155	0	0	0.0	34.0	0.7
data6-9-51-09045.txt	9	6	51	54	111.7	54	54.0	23409	52114	1490	60	0.0	47.0	4.0
data6-9-51-09046.txt	9	6	51	36	1.2	36	36.0	23409	51131	0	0	0.0	35.5	0.8
data6-9-51-09047.txt	9	6	51	41	34.0	41	41.0	23409	51282	1087	5	0.0	36.5	1.3
data6-9-51-09048.txt	9	6	51	37	2.5	37	37.0	23409	51177	0	0	0.0	35.5	1.2
data6-9-51-09049.txt	9	6	51	38	8.5	38	38.0	23409	51708	154	36	0.0	35.5	1.4
data6-9-51-09050.txt	9	6	51	46	43.2	46	46.0	23409	51827	1122	30	0.0	42.0	1.6
data6-9-51-09051.txt	9	6	51	46	2.8	46	46.0	23409	51767	0	0	0.0	45.3	1.5
data6-9-51-09052.txt	9	6	51	43	54.2	43	43.0	23409	51684	1109	47	0.0	38.0	1.6
data6-9-51-09053.txt	9	6	51	36	8.0	36	36.0	23409	51289	22	23	0.0	34.0	1.2
data6-9-51-09054.txt	9	6	51	37	2.8	37	37.0	23409	51455	0	1	0.0	35.6	1.2
data6-9-51-09055.txt	9	6	51	43	11.0	43	43.0	23409	51267	36	13	0.0	41.0	1.0
data6-9-51-09056.txt	9	6	51	36	3.1	36	36.0	23409	51328	0	0	0.0	35.0	1.1
data6-9-51-09057.txt	9	6	51	41	5.0	41	41.0	23409	51447	1	0	0.0	40.0	1.6
data6-9-51-09058.txt	9	6	51	39	3.8	40	39.0	23409	51528	1	11	0.0	37.0	1.3
data6-9-51-09059.txt	9	6	51	42	2.6	42	42.0	23409	51397	1	14	0.0	41.0	1.3
data6-9-51-09060.txt	9	6	51	42	11.7	42	42.0	23409	51462	41	8	0.0	38.6	2.0
data6-9-51-09061.txt	9	6	51	52	81.7	52	52.0	23409	52153	1170	167	0.1	48.0	1.7
data6-9-51-09062.txt	9	6	51	44	3.5	44	44.0	23409	51308	0	3	0.0	42.6	1.3
data6-9-51-09063.txt	9	6	51	32	3.1	32	32.0	23409	51335	1	0	0.0	30.0	0.9
data6-9-51-09064.txt	9	6	51	39	2.0	39	39.0	23409	51216	0	0	0.0	39.0	0.9
data6-9-51-09065.txt	9	6	51	41	4.4	41	41.0	23409	51245	4	5	0.0	38.7	1.2
data6-9-51-09066.txt	9	6	51	43	2.6	43	43.0	23409	51401	1	11	0.0	41.7	1.3
data6-9-51-09067.txt	9	6	51	46	18.3	46	46.0	23409	51445	1050	12	0.0	42.0	0.9
data6-9-51-09068.txt	9	6	51	36	6.8	36	36.0	23409	51173	1	2	0.0	33.5	1.0
data6-9-51-09069.txt	9	6	51	39	1.8	39	39.0	23409	51667	0	0	0.0	38.3	1.4
data6-9-51-09070.txt	9	6	51	45	7.9	45	45.0	23409	51851	1	0	0.0	42.5	2.2
data6-9-51-09071.txt	9	6	51	38	4.1	38	38.0	23409	51437	1	0	0.0	36.6	1.7
data6-9-51-09072.txt	9	6	51	53	8.5	53	53.0	23409	52053	1	10	0.0	51.0	3.2
data6-9-51-09073.txt	9	6	51	45	1.6	45	45.0	23409	51422	0	0	0.0	45.0	1.1
data6-9-51-09074.txt	9	6	51	33	1.3	33	33.0	23409	51515	0	1	0.0	32.0	0.8
data6-9-51-09075.txt	9	6	51	42	2.8	42	42.0	23409	51763	1	0	0.0	39.4	1.4
data6-9-51-09076.txt	9	6	51	40	3.0	40	40.0	23409	51707	0	0	0.0	38.4	2.0
data6-9-51-09077.txt	9	6	51	46	144.2	47	46.0	23409	51466	680	298	0.1	42.0	2.8
data6-9-51-09078.txt	9	6	51	42	3.6	42	42.0	23409	51129	1	4	0.0	40.0	1.6
data6-9-51-09079.txt	9	6	51	45	45.1	45	45.0	23409	51706	1168	59	0.0	40.1	1.2
data6-9-51-09080.txt	9	6	51	52	396.9	52	52.0	23409	52124	2883	108	0.1	45.5	6.1
data6-9-51-09081.txt	9	6	51	38	2.5	38	38.0	23409	50985	1	0	0.0	36.1	1.2
data6-9-51-09082.txt	9	6	51	39	1.9	39	39.0	23409	50943	1	17	0.0	35.5	0.7
data6-9-51-09083.txt	9	6	51	41	3.8	41	41.0	23409	51339	1	42	0.0	39.0	1.1
data6-9-51-09084.txt	9	6	51	54	1713.7	54	54.0	23409	51573	52334	143	0.1	45.4	1.9
data6-9-51-09085.txt	9	6	51	39	1.4	39	39.0	23409	51398	0	0	0.0	39.0	0.9
data6-9-51-09086.txt	9	6	51	44	2.1	44	44.0	23409	51916	0	1	0.0	43.0	1.7
data6-9-51-09087.txt	9	6	51	31	1.7	31	31.0	23409	51164	0	0	0.0	30.0	0.8
data6-9-51-09088.txt	9	6	51	41	37.7	41	41.0	23409	51610	2150	48	0.0	37.5	0.8
data6-9-51-09089.txt	9	6	51	40	3.5	40	40.0	23409	51336	1	0	0.0	39.0	2.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-51-09090.txt	9	6	51	44	83.0	44	44.0	23409	51718	1093	0	0.0	39.0	1.9
data6-9-51-09091.txt	9	6	51	39	2.4	39	39.0	23409	51645	0	0	0.0	38.5	1.6
data6-9-51-09092.txt	9	6	51	40	17.6	40	40.0	23409	51547	411	40	0.0	35.0	1.7
data6-9-51-09093.txt	9	6	51	50	11.1	50	50.0	23409	51768	1	14	0.0	46.0	2.3
data6-9-51-09094.txt	9	6	51	41	59.9	41	41.0	23409	51884	1003	72	0.0	36.0	2.4
data6-9-51-09095.txt	9	6	51	38	5.2	38	38.0	23409	51577	1	0	0.0	35.0	1.5
data6-9-51-09096.txt	9	6	51	38	38.9	38	38.0	23409	51064	615	70	0.0	35.0	1.2
data6-9-51-09097.txt	9	6	51	42	3.7	42	42.0	23409	51597	0	0	0.0	42.0	1.9
data6-9-51-09098.txt	9	6	51	43	10.4	43	43.0	23409	51842	7	0	0.0	39.0	1.8
data6-9-51-09099.txt	9	6	51	40	5.7	40	40.0	23409	51278	1	4	0.0	38.0	2.0
data6-9-51-09100.txt	9	6	51	50	8.0	50	50.0	23409	51703	1	0	0.0	48.0	2.6
data6-9-52-09101.txt	9	6	52	45	91.5	45	45.0	24336	54104	1139	9	0.0	40.5	1.8
data6-9-52-09102.txt	9	6	52	46	86.3	46	46.0	24336	53555	1580	0	0.0	43.0	2.3
data6-9-52-09103.txt	9	6	52	37	2.1	37	37.0	24336	52995	0	1	0.0	36.0	1.0
data6-9-52-09104.txt	9	6	52	40	2.8	40	40.0	24336	52967	0	0	0.0	40.0	0.9
data6-9-52-09105.txt	9	6	52	50	9.1	50	50.0	24336	53961	117	102	0.0	45.0	2.1
data6-9-52-09106.txt	9	6	52	45	99.5	45	45.0	24336	53850	1143	67	0.0	40.0	1.3
data6-9-52-09107.txt	9	6	52	47	1707.4	47	47.0	24336	53705	27399	83	0.0	43.8	2.9
data6-9-52-09108.txt	9	6	52	50	118.8	50	50.0	24336	53639	2938	46	0.0	45.0	2.1
data6-9-52-09109.txt	9	6	52	40	2.1	40	40.0	24336	53292	1	10	0.0	38.0	0.8
data6-9-52-09110.txt	9	6	52	35	2.1	35	35.0	24336	53328	0	0	0.0	34.5	0.8
data6-9-52-09111.txt	9	6	52	46	163.8	46	46.0	24336	53429	1534	23	0.0	42.0	2.1
data6-9-52-09112.txt	9	6	52	40	3.3	40	40.0	24336	53348	0	0	0.0	38.3	1.2
data6-9-52-09113.txt	9	6	52	50	29.8	50	50.0	24336	53684	903	19	0.0	45.5	2.4
data6-9-52-09114.txt	9	6	52	44	3.0	44	44.0	24336	53184	0	1	0.0	43.0	1.2
data6-9-52-09115.txt	9	6	52	40	2.1	40	40.0	24336	53450	1	4	0.0	39.0	1.2
data6-9-52-09116.txt	9	6	52	46	7.6	46	46.0	24336	53886	1	32	0.0	45.0	1.8
data6-9-52-09117.txt	9	6	52	41	3.5	41	41.0	24336	53528	1	3	0.0	39.5	1.0
data6-9-52-09118.txt	9	6	52	47	4.5	47	47.0	24336	54035	1	10	0.0	44.0	1.2
data6-9-52-09119.txt	9	6	52	38	3.7	38	38.0	24336	53333	0	0	0.0	36.5	1.2
data6-9-52-09120.txt	9	6	52	39	3.3	39	39.0	24336	53092	1	3	0.0	37.5	0.9
data6-9-52-09121.txt	9	6	52	40	2.9	40	40.0	24336	53275	1	0	0.0	38.0	1.2
data6-9-52-09122.txt	9	6	52	38	1.4	38	38.0	24336	53200	0	0	0.0	38.0	1.0
data6-9-52-09123.txt	9	6	52	44	74.4	44	44.0	24336	53347	2165	1	0.0	39.5	1.6
data6-9-52-09124.txt	9	6	52	42	24.2	42	42.0	24336	53305	858	26	0.0	39.0	1.2
data6-9-52-09125.txt	9	6	52	35	2.5	35	35.0	24336	53395	0	1	0.0	34.0	1.0
data6-9-52-09126.txt	9	6	52	42	133.4	42	42.0	24336	53000	1305	53	0.0	38.2	1.4
data6-9-52-09127.txt	9	6	52	45	7.1	45	45.0	24336	53172	12	2	0.0	41.0	1.1
data6-9-52-09128.txt	9	6	52	35	5.0	35	35.0	24336	53126	0	1	0.0	34.0	1.3
data6-9-52-09129.txt	9	6	52	41	46.4	41	41.0	24336	53379	1705	99	0.1	38.5	1.3
data6-9-52-09130.txt	9	6	52	41	2.1	41	41.0	24336	53063	0	0	0.0	41.0	0.8
data6-9-52-09131.txt	9	6	52	42	4.6	42	42.0	24336	53411	0	0	0.0	40.5	1.2
data6-9-52-09132.txt	9	6	52	40	1.4	40	40.0	24336	53221	0	0	0.0	39.5	1.0
data6-9-52-09133.txt	9	6	52	48	73.9	48	48.0	24336	54160	1350	52	0.0	44.0	2.9
data6-9-52-09134.txt	9	6	52	47	183.5	47	47.0	24336	53850	1255	48	0.0	42.5	4.3
data6-9-52-09135.txt	9	6	52	42	45.2	42	42.0	24336	53734	1715	189	0.1	39.3	1.4
data6-9-52-09136.txt	9	6	52	41	7.1	41	41.0	24336	53275	3	0	0.0	36.0	1.1
data6-9-52-09137.txt	9	6	52	41	5.1	41	41.0	24336	53404	91	47	0.0	37.0	0.9
data6-9-52-09138.txt	9	6	52	47	21.5	47	47.0	24336	53534	295	55	0.0	41.8	1.3
data6-9-52-09139.txt	9	6	52	37	3.8	37	37.0	24336	53557	1	0	0.0	34.5	1.1
data6-9-52-09140.txt	9	6	52	38	6.0	38	38.0	24336	53449	1	2	0.0	36.0	1.6
data6-9-52-09141.txt	9	6	52	41	1.7	41	41.0	24336	53126	0	0	0.0	40.5	1.1
data6-9-52-09142.txt	9	6	52	43	2.5	43	43.0	24336	53321	0	0	0.0	43.0	0.9
data6-9-52-09143.txt	9	6	52	38	5.1	38	38.0	24336	53647	1	0	0.0	37.0	2.1
data6-9-52-09144.txt	9	6	52	40	2.3	40	40.0	24336	52803	1	0	0.0	38.5	0.7
data6-9-52-09145.txt	9	6	52	44	3.3	44	44.0	24336	53180	1	1	0.0	40.5	1.3
data6-9-52-09146.txt	9	6	52	36	3.9	36	36.0	24336	53163	1	12	0.0	34.0	1.0
data6-9-52-09147.txt	9	6	52	37	3.4	37	37.0	24336	53556	1	18	0.0	34.5	0.9
data6-9-52-09148.txt	9	6	52	46	8.2	46	46.0	24336	53431	1	4	0.0	44.0	3.2
data6-9-52-09149.txt	9	6	52	35	3.5	35	35.0	24336	52968	1	6	0.0	33.5	1.0
data6-9-52-09150.txt	9	6	52	37	55.4	37	37.0	24336	52983	1183	12	0.0	34.0	1.5
data6-9-52-09151.txt	9	6	52	39	8.1	39	39.0	24336	53574	13	12	0.0	35.8	1.0
data6-9-52-09152.txt	9	6	52	42	2.1	42	42.0	24336	53704	0	0	0.0	42.0	1.2
data6-9-52-09153.txt	9	6	52	39	58.8	39	39.0	24336	53331	2563	24	0.0	34.0	1.0
data6-9-52-09154.txt	9	6	52	34	2.3	34	34.0	24336	52836	0	0	0.0	34.0	1.0
data6-9-52-09155.txt	9	6	52	42	37.7	42	42.0	24336	53345	2592	151	0.1	38.5	1.1
data6-9-52-09156.txt	9	6	52	47	53.7	47	47.0	24336	53590	1228	51	0.0	41.4	1.6
data6-9-52-09157.txt	9	6	52	52	14.2	52	52.0	24336	53550	1	0	0.0	49.0	4.5
data6-9-52-09158.txt	9	6	52	45	22.6	45	45.0	24336	53424	365	27	0.0	38.7	2.0
data6-9-52-09159.txt	9	6	52	42	8.1	42	42.0	24336	53197	1	0	0.0	41.0	2.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-52-09160.txt	9	6	52	45	46.0	45	45.0	24336	53596	1068	4	0.0	42.0	2.1
data6-9-52-09161.txt	9	6	52	39	3.7	39	39.0	24336	52758	1	0	0.0	36.0	0.9
data6-9-52-09162.txt	9	6	52	49	1257.3	50	49.0	24336	53642	17105	228	0.1	45.5	2.4
data6-9-52-09163.txt	9	6	52	31	1.8	31	31.0	24336	53120	0	0	0.0	31.0	0.7
data6-9-52-09164.txt	9	6	52	43	6.2	43	43.0	24336	53622	1	2	0.0	38.8	1.2
data6-9-52-09165.txt	9	6	52	45	2.8	45	45.0	24336	53653	0	0	0.0	45.0	1.2
data6-9-52-09166.txt	9	6	52	39	6.9	39	39.0	24336	53186	89	0	0.0	36.5	1.1
data6-9-52-09167.txt	9	6	52	40	13.5	40	40.0	24336	53330	183	51	0.0	37.0	1.4
data6-9-52-09168.txt	9	6	52	47	24.5	47	47.0	24336	53555	1052	59	0.0	45.0	2.7
data6-9-52-09169.txt	9	6	52	43	1313.8	43	43.0	24336	53868	12240	43	0.0	41.0	2.9
data6-9-52-09170.txt	9	6	52	42	4.3	42	42.0	24336	53649	0	0	0.0	41.5	1.7
data6-9-52-09171.txt	9	6	52	41	12.8	41	41.0	24336	53593	41	8	0.0	38.5	1.3
data6-9-52-09172.txt	9	6	52	45	4.1	45	45.0	24336	53600	1	13	0.0	43.5	1.6
data6-9-52-09173.txt	9	6	52	41	47.3	41	41.0	24336	53489	2607	15	0.0	36.5	1.0
data6-9-52-09174.txt	9	6	52	36	3.4	36	36.0	24336	53497	0	0	0.0	36.0	1.1
data6-9-52-09175.txt	9	6	52	35	3.0	35	35.0	24336	53161	1	0	0.0	33.0	0.9
data6-9-52-09176.txt	9	6	52	39	1.7	39	39.0	24336	52880	0	0	0.0	38.0	0.9
data6-9-52-09177.txt	9	6	52	34	1.7	34	34.0	24336	53243	0	0	0.0	33.0	0.9
data6-9-52-09178.txt	9	6	52	39	2.4	39	39.0	24336	53862	1	11	0.0	38.0	1.6
data6-9-52-09179.txt	9	6	52	36	5.2	36	36.0	24336	53393	1	0	0.0	33.1	1.2
data6-9-52-09180.txt	9	6	52	46	11.7	46	46.0	24336	53507	170	41	0.0	41.8	1.7
data6-9-52-09181.txt	9	6	52	44	5.6	44	44.0	24336	53745	1	2	0.0	41.0	1.9
data6-9-52-09182.txt	9	6	52	49	173.9	49	49.0	24336	53680	1608	5	0.0	44.0	2.9
data6-9-52-09183.txt	9	6	52	38	3.1	38	38.0	24336	53089	0	0	0.0	36.2	1.1
data6-9-52-09184.txt	9	6	52	50	3006.1	50	50.0	24336	53916	50671	35	0.0	43.8	2.0
data6-9-52-09185.txt	9	6	52	39	7.9	39	39.0	24336	53374	1	6	0.0	35.5	1.3
data6-9-52-09186.txt	9	6	52	49	214.2	49	49.0	24336	53438	8625	281	0.2	46.0	2.4
data6-9-52-09187.txt	9	6	52	52	122.5	52	52.0	24336	53789	1889	66	0.0	47.5	2.2
data6-9-52-09188.txt	9	6	52	33	2.7	33	33.0	24336	53112	0	0	0.0	32.0	1.0
data6-9-52-09189.txt	9	6	52	47	36.3	47	47.0	24336	53347	675	34	0.0	42.0	1.4
data6-9-52-09190.txt	9	6	52	41	71.5	41	41.0	24336	53799	2729	6	0.0	38.0	2.2
data6-9-52-09191.txt	9	6	52	41	15.8	41	41.0	24336	53821	57	1	0.0	38.0	1.9
data6-9-52-09192.txt	9	6	52	52	609.3	52	52.0	24336	53926	5093	75	0.0	45.5	2.4
data6-9-52-09193.txt	9	6	52	36	3.1	36	36.0	24336	53333	1	2	0.0	33.2	0.7
data6-9-52-09194.txt	9	6	52	42	10.1	42	42.0	24336	53423	1	2	0.0	40.0	2.4
data6-9-52-09195.txt	9	6	52	33	3.9	33	33.0	24336	52888	1	0	0.0	30.0	0.9
data6-9-52-09196.txt	9	6	52	52	3.7	52	52.0	24336	53687	1	7	0.0	49.6	1.2
data6-9-52-09197.txt	9	6	52	51	11.3	51	51.0	24336	54024	182	128	0.1	48.0	2.2
data6-9-52-09198.txt	9	6	52	40	5.8	40	40.0	24336	53186	1	9	0.0	38.5	1.0
data6-9-52-09199.txt	9	6	52	42	81.2	42	42.0	24336	53574	2801	4	0.0	38.4	1.8
data6-9-52-09200.txt	9	6	52	45	4.7	45	45.0	24336	53728	1	66	0.0	42.0	1.2
data6-9-53-09201.txt	9	6	53	44	6.9	44	44.0	25281	55567	1	2	0.0	42.0	1.3
data6-9-53-09202.txt	9	6	53	40	30.6	40	40.0	25281	55667	1035	15	0.0	36.5	1.3
data6-9-53-09203.txt	9	6	53	37	2.1	37	37.0	25281	55234	0	0	0.0	36.0	1.0
data6-9-53-09204.txt	9	6	53	43	5.0	43	43.0	25281	55220	0	0	0.0	42.5	2.3
data6-9-53-09205.txt	9	6	53	49	29.5	49	49.0	25281	55604	916	15	0.0	46.4	3.5
data6-9-53-09206.txt	9	6	53	37	2.8	37	37.0	25281	55471	0	0	0.0	36.5	1.0
data6-9-53-09207.txt	9	6	53	40	4.2	40	40.0	25281	55801	1	18	0.0	39.0	1.2
data6-9-53-09208.txt	9	6	53	51	2135.3	51	51.0	25281	55589	112246	211	0.1	45.0	1.5
data6-9-53-09209.txt	9	6	53	46	4.2	46	46.0	25281	55365	0	0	0.0	46.0	1.7
data6-9-53-09210.txt	9	6	53	46	17.3	46	46.0	25281	55774	693	106	0.0	41.2	1.4
data6-9-53-09211.txt	9	6	53	47	8.2	47	47.0	25281	55523	1	26	0.0	44.5	2.0
data6-9-53-09212.txt	9	6	53	44	80.5	44	44.0	25281	55604	2492	7	0.0	39.5	1.8
data6-9-53-09213.txt	9	6	53	38	2.3	38	38.0	25281	55338	0	0	0.0	37.0	1.1
data6-9-53-09214.txt	9	6	53	41	3.6	41	41.0	25281	55291	1	12	0.0	39.5	1.2
data6-9-53-09215.txt	9	6	53	37	3.5	37	37.0	25281	55161	0	0	0.0	36.0	1.2
data6-9-53-09216.txt	9	6	53	36	4.0	36	36.0	25281	55351	1	6	0.0	34.0	0.9
data6-9-53-09217.txt	9	6	53	39	1.8	39	39.0	25281	55220	0	7	0.0	38.0	0.9
data6-9-53-09218.txt	9	6	53	45	2.1	45	45.0	25281	55543	1	1	0.0	43.0	1.0
data6-9-53-09219.txt	9	6	53	38	2.0	38	38.0	25281	55463	0	0	0.0	38.0	0.7
data6-9-53-09220.txt	9	6	53	48	7.5	48	48.0	25281	55749	1	8	0.0	44.0	1.6
data6-9-53-09221.txt	9	6	53	41	4.8	41	41.0	25281	55996	1	12	0.0	40.0	1.7
data6-9-53-09222.txt	9	6	53	51	177.8	51	51.0	25281	55676	3977	52	0.0	44.0	3.1
data6-9-53-09223.txt	9	6	53	43	4.7	43	43.0	25281	55612	1	19	0.0	42.0	1.5
data6-9-53-09224.txt	9	6	53	49	170.9	49	49.0	25281	55579	1375	63	0.0	42.5	2.2
data6-9-53-09225.txt	9	6	53	47	49.7	47	47.0	25281	55738	5975	193	0.2	44.5	1.9
data6-9-53-09226.txt	9	6	53	39	8.3	39	39.0	25281	55082	1	21	0.0	37.5	2.3
data6-9-53-09227.txt	9	6	53	43	4.5	43	43.0	25281	55436	0	0	0.0	42.5	1.7
data6-9-53-09228.txt	9	6	53	50	10.5	50	50.0	25281	55821	1	7	0.0	47.0	1.7
data6-9-53-09229.txt	9	6	53	40	2.8	40	40.0	25281	55194	1	11	0.0	39.0	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-53-09230.txt	9	6	53	41	11.9	42	41.0	25281	55537	79	61	0.0	39.0	1.3
data6-9-53-09231.txt	9	6	53	47	130.6	47	47.0	25281	55785	1179	110	0.0	39.5	1.7
data6-9-53-09232.txt	9	6	53	31	3.3	31	31.0	25281	54957	1	18	0.0	30.0	0.9
data6-9-53-09233.txt	9	6	53	47	149.7	47	47.0	25281	55664	1998	90	0.0	42.0	1.4
data6-9-53-09234.txt	9	6	53	33	2.4	33	33.0	25281	55050	0	0	0.0	33.0	0.9
data6-9-53-09235.txt	9	6	53	41	11.5	41	41.0	25281	55157	114	22	0.0	37.0	1.4
data6-9-53-09236.txt	9	6	53	50	4.3	50	50.0	25281	55725	0	0	0.0	50.0	1.9
data6-9-53-09237.txt	9	6	53	39	5.5	39	39.0	25281	55233	14	65	0.0	36.5	1.1
data6-9-53-09238.txt	9	6	53	45	15.3	45	45.0	25281	55551	243	19	0.0	41.5	2.0
data6-9-53-09239.txt	9	6	53	43	80.7	43	43.0	25281	55505	1658	42	0.0	38.6	1.4
data6-9-53-09240.txt	9	6	53	49	5.1	49	49.0	25281	55387	1	1	0.0	48.0	1.4
data6-9-53-09241.txt	9	6	53	49	46.6	49	49.0	25281	55558	698	71	0.0	45.0	1.1
data6-9-53-09242.txt	9	6	53	52	432.8	52	52.0	25281	56124	5732	186	0.1	46.7	2.8
data6-9-53-09243.txt	9	6	53	39	22.9	39	39.0	25281	55309	1335	13	0.0	37.0	1.4
data6-9-53-09244.txt	9	6	53	45	7.5	45	45.0	25281	55459	18	14	0.0	41.5	1.7
data6-9-53-09245.txt	9	6	53	36	3.6	36	36.0	25281	55388	1	14	0.0	33.8	0.9
data6-9-53-09246.txt	9	6	53	40	42.8	40	40.0	25281	55266	1324	16	0.0	37.0	1.3
data6-9-53-09247.txt	9	6	53	42	4.9	42	42.0	25281	55771	13	9	0.0	38.5	1.2
data6-9-53-09248.txt	9	6	53	43	3.2	43	43.0	25281	55447	0	0	0.0	43.0	1.7
data6-9-53-09249.txt	9	6	53	45	3.2	45	45.0	25281	55309	1	42	0.0	44.0	1.2
data6-9-53-09250.txt	9	6	53	37	2.1	37	37.0	25281	55674	0	0	0.0	37.0	1.4
data6-9-53-09251.txt	9	6	53	47	34.6	47	47.0	25281	55289	2064	6	0.0	41.1	1.3
data6-9-53-09252.txt	9	6	53	36	2.8	36	36.0	25281	55591	0	0	0.0	35.3	1.1
data6-9-53-09253.txt	9	6	53	46	24.6	46	46.0	25281	55849	375	19	0.0	42.8	1.5
data6-9-53-09254.txt	9	6	53	40	9.8	40	40.0	25281	55445	401	62	0.0	37.6	1.7
data6-9-53-09255.txt	9	6	53	36	4.1	36	36.0	25281	55256	1	19	0.0	34.0	1.0
data6-9-53-09256.txt	9	6	53	49	32.9	49	49.0	25281	56055	1723	92	0.0	44.2	1.6
data6-9-53-09257.txt	9	6	53	34	2.0	34	34.0	25281	54992	0	2	0.0	33.0	0.7
data6-9-53-09258.txt	9	6	53	38	2.8	38	38.0	25281	55218	1	2	0.0	37.0	1.0
data6-9-53-09259.txt	9	6	53	35	19.6	35	35.0	25281	55220	1206	8	0.0	31.0	0.9
data6-9-53-09260.txt	9	6	53	41	2.7	41	41.0	25281	55019	0	0	0.0	39.6	0.9
data6-9-53-09261.txt	9	6	53	41	3.8	41	41.0	25281	55231	0	0	0.0	40.2	1.6
data6-9-53-09262.txt	9	6	53	35	20.7	35	35.0	25281	54989	717	18	0.0	31.5	0.8
data6-9-53-09263.txt	9	6	53	50	52.8	50	50.0	25281	55444	2453	37	0.0	46.0	1.2
data6-9-53-09264.txt	9	6	53	53	47.1	53	53.0	25281	55850	2455	85	0.0	49.8	2.1
data6-9-53-09265.txt	9	6	53	45	30.0	45	45.0	25281	55657	412	44	0.0	42.5	2.3
data6-9-53-09266.txt	9	6	53	29	2.1	29	29.0	25281	54999	0	0	0.0	28.5	0.8
data6-9-53-09267.txt	9	6	53	45	58.2	45	45.0	25281	55620	787	28	0.0	40.5	1.2
data6-9-53-09268.txt	9	6	53	36	1.5	36	36.0	25281	55133	0	0	0.0	36.0	1.0
data6-9-53-09269.txt	9	6	53	40	2.4	40	40.0	25281	55314	1	35	0.0	39.0	1.2
data6-9-53-09270.txt	9	6	53	32	14.9	32	32.0	25281	55119	841	0	0.0	29.1	1.1
data6-9-53-09271.txt	9	6	53	35	4.4	35	35.0	25281	55170	1	0	0.0	32.0	0.8
data6-9-53-09272.txt	9	6	53	45	46.5	45	45.0	25281	55593	1087	112	0.1	41.5	1.2
data6-9-53-09273.txt	9	6	53	45	162.0	45	45.0	25281	55668	1185	0	0.0	41.5	2.3
data6-9-53-09274.txt	9	6	53	51	29.7	51	51.0	25281	55406	587	59	0.0	46.0	1.7
data6-9-53-09275.txt	9	6	53	42	8.5	42	42.0	25281	55205	17	7	0.0	38.5	1.5
data6-9-53-09276.txt	9	6	53	51	13.8	51	51.0	25281	55805	69	8	0.0	49.0	2.0
data6-9-53-09277.txt	9	6	53	42	11.5	42	42.0	25281	55596	1	0	0.0	39.5	2.2
data6-9-53-09278.txt	9	6	53	41	3.6	41	41.0	25281	55573	0	0	0.0	40.5	1.4
data6-9-53-09279.txt	9	6	53	43	3.7	43	43.0	25281	55389	1	4	0.0	39.5	1.0
data6-9-53-09280.txt	9	6	53	31	1.6	31	31.0	25281	54754	0	0	0.0	30.0	0.8
data6-9-53-09281.txt	9	6	53	31	3.3	31	31.0	25281	54957	0	0	0.0	29.5	0.9
data6-9-53-09282.txt	9	6	53	39	101.7	39	39.0	25281	55339	1427	85	0.0	36.5	0.9
data6-9-53-09283.txt	9	6	53	45	10.6	45	45.0	25281	55196	264	31	0.0	42.0	1.0
data6-9-53-09284.txt	9	6	53	40	4.5	40	40.0	25281	55653	0	0	0.0	38.5	1.6
data6-9-53-09285.txt	9	6	53	45	14.9	45	45.0	25281	55565	106	19	0.0	41.0	2.0
data6-9-53-09286.txt	9	6	53	40	2.7	40	40.0	25281	55519	0	0	0.0	40.0	1.2
data6-9-53-09287.txt	9	6	53	34	2.2	34	34.0	25281	55327	0	0	0.0	34.0	0.9
data6-9-53-09288.txt	9	6	53	40	2.8	40	40.0	25281	55130	1	14	0.0	37.0	0.7
data6-9-53-09289.txt	9	6	53	47	2.7	47	47.0	25281	55419	0	0	0.0	47.0	1.2
data6-9-53-09290.txt	9	6	53	45	18.0	45	45.0	25281	55841	150	51	0.0	43.0	2.5
data6-9-53-09291.txt	9	6	53	41	8.1	41	41.0	25281	55369	1	17	0.0	38.5	1.2
data6-9-53-09292.txt	9	6	53	49	34.8	49	49.0	25281	55731	582	28	0.0	44.0	1.9
data6-9-53-09293.txt	9	6	53	34	2.2	34	34.0	25281	55475	0	0	0.0	34.0	0.9
data6-9-53-09294.txt	9	6	53	42	6.3	42	42.0	25281	55892	1	1	0.0	39.8	1.9
data6-9-53-09295.txt	9	6	53	47	6.5	47	47.0	25281	55375	20	23	0.0	43.7	1.6
data6-9-53-09296.txt	9	6	53	52	9.5	52	52.0	25281	55573	1	4	0.0	47.5	2.8
data6-9-53-09297.txt	9	6	53	52	10.0	52	52.0	25281	55832	16	30	0.0	50.0	4.1
data6-9-53-09298.txt	9	6	53	41	5.7	41	41.0	25281	55628	1	2	0.0	38.8	1.2
data6-9-53-09299.txt	9	6	53	44	18.2	44	44.0	25281	55933	326	36	0.0	41.0	1.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-9-53-09300.txt	9	6	53	36	3.9	36	36.0	25281	55435	1	2	0.0	34.5	1.2
data6-10-54-11201.txt	10	6	54	39	29.3	39	39.0	29160	63675	452	0	0.0	34.5	1.7
data6-10-54-11202.txt	10	6	54	47	9.2	47	47.0	29160	64303	1	62	0.0	46.0	2.4
data6-10-54-11203.txt	10	6	54	29	2.5	29	29.0	29160	62971	0	0	0.0	29.0	0.9
data6-10-54-11204.txt	10	6	54	45	3.7	45	45.0	29160	64224	0	0	0.0	44.5	2.7
data6-10-54-11205.txt	10	6	54	38	7.8	38	38.0	29160	63753	1	0	0.0	35.0	1.4
data6-10-54-11206.txt	10	6	54	45	8.1	45	45.0	29160	64307	0	0	0.0	44.0	4.3
data6-10-54-11207.txt	10	6	54	41	6.0	41	41.0	29160	64228	1	0	0.0	38.0	1.8
data6-10-54-11208.txt	10	6	54	50	194.2	50	50.0	29160	64299	1130	102	0.0	46.5	3.2
data6-10-54-11209.txt	10	6	54	43	3.4	43	43.0	29160	63743	0	0	0.0	42.0	2.5
data6-10-54-11210.txt	10	6	54	34	4.6	34	34.0	29160	63803	6	0	0.0	31.0	1.5
data6-10-54-11211.txt	10	6	54	31	2.1	31	31.0	29160	63753	0	0	0.0	30.5	1.3
data6-10-54-11212.txt	10	6	54	41	7.7	41	41.0	29160	64044	1	0	0.0	38.5	2.1
data6-10-54-11213.txt	10	6	54	41	7.9	41	41.0	29160	64116	1	0	0.0	39.7	2.5
data6-10-54-11214.txt	10	6	54	32	2.5	32	32.0	29160	62987	0	0	0.0	31.5	0.8
data6-10-54-11215.txt	10	6	54	47	170.1	47	47.0	29160	64547	5048	42	0.0	44.2	5.4
data6-10-54-11216.txt	10	6	54	41	5.0	41	41.0	29160	63746	1	5	0.0	39.0	1.2
data6-10-54-11217.txt	10	6	54	30	2.5	30	30.0	29160	63766	0	0	0.0	29.1	0.9
data6-10-54-11218.txt	10	6	54	41	78.3	42	41.0	29160	64244	326	25	0.0	37.5	2.8
data6-10-54-11219.txt	10	6	54	34	4.3	34	34.0	29160	63395	0	0	0.0	32.5	1.3
data6-10-54-11220.txt	10	6	54	35	3.8	35	35.0	29160	64171	0	0	0.0	35.0	1.7
data6-10-54-11221.txt	10	6	54	47	288.9	47	47.0	29160	64302	1885	177	0.1	42.0	3.3
data6-10-54-11222.txt	10	6	54	38	5.3	38	38.0	29160	63867	0	0	0.0	36.5	1.3
data6-10-54-11223.txt	10	6	54	41	113.2	41	41.0	29160	64213	1064	0	0.0	36.7	2.5
data6-10-54-11224.txt	10	6	54	41	11.4	41	41.0	29160	63882	1	1	0.0	39.0	2.1
data6-10-54-11225.txt	10	6	54	42	729.4	42	42.0	29160	63979	9165	0	0.0	38.0	2.5
data6-10-54-11226.txt	10	6	54	45	9.0	45	45.0	29160	64154	0	0	0.0	43.5	4.0
data6-10-54-11227.txt	10	6	54	44	7.6	44	44.0	29160	63949	1	0	0.0	42.2	2.2
data6-10-54-11228.txt	10	6	54	29	2.5	29	29.0	29160	63617	0	0	0.0	28.2	0.9
data6-10-54-11229.txt	10	6	54	40	7.2	40	40.0	29160	64441	1	0	0.0	38.0	2.7
data6-10-54-11230.txt	10	6	54	42	49.4	42	42.0	29160	64398	880	0	0.0	37.5	2.4
data6-10-54-11231.txt	10	6	54	41	4.2	41	41.0	29160	64225	0	0	0.0	41.0	1.3
data6-10-54-11232.txt	10	6	54	37	2.7	37	37.0	29160	63802	0	0	0.0	36.5	1.7
data6-10-54-11233.txt	10	6	54	45	8.6	45	45.0	29160	64240	0	0	0.0	45.0	4.8
data6-10-54-11234.txt	10	6	54	43	13.0	43	43.0	29160	64184	1	1	0.0	40.2	4.6
data6-10-54-11235.txt	10	6	54	41	13.1	41	41.0	29160	63957	71	23	0.0	38.5	3.1
data6-10-54-11236.txt	10	6	54	38	13.8	38	38.0	29160	64256	1	0	0.0	35.5	2.4
data6-10-54-11237.txt	10	6	54	40	44.3	40	40.0	29160	63663	1040	0	0.0	37.2	1.7
data6-10-54-11238.txt	10	6	54	36	5.6	36	36.0	29160	64269	0	0	0.0	36.0	3.5
data6-10-54-11239.txt	10	6	54	42	5.1	42	42.0	29160	64103	0	0	0.0	42.0	1.9
data6-10-54-11240.txt	10	6	54	41	18.0	41	41.0	29160	63666	7	0	0.0	38.5	4.4
data6-10-54-11241.txt	10	6	54	46	92.2	46	46.0	29160	64718	202	4	0.0	41.2	4.9
data6-10-54-11242.txt	10	6	54	38	5.4	38	38.0	29160	63705	0	0	0.0	37.0	1.5
data6-10-54-11243.txt	10	6	54	37	10.4	37	37.0	29160	64112	1	0	0.0	34.8	2.3
data6-10-54-11244.txt	10	6	54	41	3.4	41	41.0	29160	63865	0	0	0.0	39.8	1.6
data6-10-54-11245.txt	10	6	54	48	16.0	48	48.0	29160	64188	1	0	0.0	45.4	5.3
data6-10-54-11246.txt	10	6	54	43	11.7	43	43.0	29160	64326	6	59	0.0	42.0	3.6
data6-10-54-11247.txt	10	6	54	36	4.0	36	36.0	29160	63526	0	0	0.0	35.0	1.2
data6-10-54-11248.txt	10	6	54	43	8.6	43	43.0	29160	64082	1	0	0.0	41.0	1.6
data6-10-54-11249.txt	10	6	54	31	3.5	31	31.0	29160	63727	0	0	0.0	29.5	1.1
data6-10-54-11250.txt	10	6	54	36	5.7	36	36.0	29160	63891	1	0	0.0	33.5	1.5
data6-10-54-11251.txt	10	6	54	37	6.6	37	37.0	29160	64178	0	0	0.0	35.2	2.3
data6-10-54-11252.txt	10	6	54	35	9.5	35	35.0	29160	63863	1	0	0.0	32.5	1.6
data6-10-54-11253.txt	10	6	54	33	3.2	33	33.0	29160	63850	0	0	0.0	32.2	1.1
data6-10-54-11254.txt	10	6	54	44	53.7	44	44.0	29160	64662	675	21	0.0	38.5	2.6
data6-10-54-11255.txt	10	6	54	41	189.2	41	41.0	29160	64213	1099	1	0.0	38.0	2.9
data6-10-54-11256.txt	10	6	54	38	8.1	38	38.0	29160	63811	9	3	0.0	34.5	1.2
data6-10-54-11257.txt	10	6	54	33	4.8	33	33.0	29160	63486	1	0	0.0	31.5	1.2
data6-10-54-11258.txt	10	6	54	35	5.8	35	35.0	29160	63359	1	1	0.0	33.0	1.4
data6-10-54-11259.txt	10	6	54	44	11.7	44	44.0	29160	64293	1	29	0.0	43.0	2.5
data6-10-54-11260.txt	10	6	54	44	13.2	44	44.0	29160	64422	84	34	0.0	42.0	2.7
data6-10-54-11261.txt	10	6	54	35	4.4	35	35.0	29160	63764	1	30	0.0	34.0	1.2
data6-10-54-11262.txt	10	6	54	37	3.7	37	37.0	29160	63639	1	6	0.0	35.5	1.6
data6-10-54-11263.txt	10	6	54	38	4.6	38	38.0	29160	63283	1	0	0.0	36.0	1.5
data6-10-54-11264.txt	10	6	54	36	4.3	36	36.0	29160	63734	0	0	0.0	36.0	1.8
data6-10-54-11265.txt	10	6	54	42	21.8	42	42.0	29160	64271	188	42	0.0	39.2	2.1
data6-10-54-11266.txt	10	6	54	42	7.8	42	42.0	29160	63938	1	2	0.0	39.0	1.7
data6-10-54-11267.txt	10	6	54	43	100.0	43	43.0	29160	64072	2153	12	0.0	37.8	1.9
data6-10-54-11268.txt	10	6	54	43	7.6	43	43.0	29160	64678	0	0	0.0	42.4	3.8
data6-10-54-11269.txt	10	6	54	42	46.7	42	42.0	29160	64320	1340	117	0.1	39.5	2.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-54-11270.txt	10	6	54	35	3.2	35	35.0	29160	63668	0	0	0.0	35.0	1.0
data6-10-54-11271.txt	10	6	54	32	6.9	32	32.0	29160	63722	1	0	0.0	30.0	1.3
data6-10-54-11272.txt	10	6	54	32	5.6	32	32.0	29160	63354	1	16	0.0	29.0	1.1
data6-10-54-11273.txt	10	6	54	38	3.8	38	38.0	29160	63580	0	0	0.0	38.0	1.2
data6-10-54-11274.txt	10	6	54	45	5.4	45	45.0	29160	64576	1	0	0.0	43.0	3.0
data6-10-54-11275.txt	10	6	54	42	171.3	42	42.0	29160	63907	544	0	0.0	39.0	3.1
data6-10-54-11276.txt	10	6	54	40	5.0	40	40.0	29160	63649	0	3	0.0	39.0	1.7
data6-10-54-11277.txt	10	6	54	40	9.3	41	40.0	29160	63982	1	21	0.0	39.5	2.4
data6-10-54-11278.txt	10	6	54	39	14.2	39	39.0	29160	63824	17	0	0.0	36.0	1.5
data6-10-54-11279.txt	10	6	54	43	9.1	43	43.0	29160	64692	1	27	0.0	42.0	3.2
data6-10-54-11280.txt	10	6	54	42	52.5	42	42.0	29160	64482	1264	44	0.0	36.0	2.1
data6-10-54-11281.txt	10	6	54	41	5.8	41	41.0	29160	64013	0	0	0.0	39.5	1.6
data6-10-54-11282.txt	10	6	54	35	3.8	35	35.0	29160	63919	1	8	0.0	34.0	1.1
data6-10-54-11283.txt	10	6	54	39	11.2	39	39.0	29160	63941	1	6	0.0	38.0	2.7
data6-10-54-11284.txt	10	6	54	36	5.4	36	36.0	29160	63704	0	0	0.0	35.0	2.0
data6-10-54-11285.txt	10	6	54	36	9.1	36	36.0	29160	63701	1	2	0.0	32.0	1.6
data6-10-54-11286.txt	10	6	54	40	9.6	40	40.0	29160	63989	1	1	0.0	36.8	1.5
data6-10-54-11287.txt	10	6	54	42	48.3	43	42.0	29160	63985	945	35	0.0	40.0	1.7
data6-10-54-11288.txt	10	6	54	40	54.7	40	40.0	29160	64029	545	4	0.0	35.5	2.0
data6-10-54-11289.txt	10	6	54	43	18.9	43	43.0	29160	63949	1	16	0.0	41.0	3.2
data6-10-54-11290.txt	10	6	54	46	16.6	46	46.0	29160	64185	133	4	0.0	42.5	2.0
data6-10-54-11291.txt	10	6	54	39	4.9	39	39.0	29160	63690	0	0	0.0	39.0	2.1
data6-10-54-11292.txt	10	6	54	39	17.8	39	39.0	29160	63637	147	9	0.0	36.0	1.5
data6-10-54-11293.txt	10	6	54	38	2.0	38	38.0	29160	63652	0	0	0.0	37.5	1.3
data6-10-54-11294.txt	10	6	54	42	8.1	42	42.0	29160	64088	0	0	0.0	41.0	4.0
data6-10-54-11295.txt	10	6	54	36	6.3	36	36.0	29160	64079	1	8	0.0	34.0	1.9
data6-10-54-11296.txt	10	6	54	43	11.6	43	43.0	29160	64032	18	14	0.0	40.0	2.0
data6-10-54-11297.txt	10	6	54	33	3.9	33	33.0	29160	63498	0	0	0.0	32.0	1.2
data6-10-54-11298.txt	10	6	54	35	4.6	35	35.0	29160	63575	1	0	0.0	33.0	1.1
data6-10-54-11299.txt	10	6	54	34	3.9	34	34.0	29160	63915	0	0	0.0	33.0	1.1
data6-10-54-11300.txt	10	6	54	41	4.3	41	41.0	29160	64304	0	0	0.0	39.3	2.3
data6-10-55-11301.txt	10	6	55	40	145.6	40	40.0	30250	67144	2607	110	0.1	37.0	3.5
data6-10-55-11302.txt	10	6	55	33	4.5	33	33.0	30250	65844	1	3	0.0	31.5	0.9
data6-10-55-11303.txt	10	6	55	38	8.1	38	38.0	30250	66690	0	0	0.0	37.0	3.6
data6-10-55-11304.txt	10	6	55	41	10.1	41	41.0	30250	66269	9	0	0.0	37.0	1.2
data6-10-55-11305.txt	10	6	55	43	157.8	43	43.0	30250	66436	1074	1	0.0	40.5	3.2
data6-10-55-11306.txt	10	6	55	39	3.6	39	39.0	30250	65871	0	0	0.0	39.0	1.4
data6-10-55-11307.txt	10	6	55	44	120.3	44	44.0	30250	66108	1956	68	0.1	39.5	1.4
data6-10-55-11308.txt	10	6	55	37	2.3	37	37.0	30250	66430	0	1	0.0	36.0	1.4
data6-10-55-11309.txt	10	6	55	40	4.0	40	40.0	30250	66463	0	0	0.0	40.0	1.5
data6-10-55-11310.txt	10	6	55	34	2.5	34	34.0	30250	66342	0	0	0.0	34.0	1.4
data6-10-55-11311.txt	10	6	55	42	12.7	42	42.0	30250	66866	1	0	0.0	39.0	3.1
data6-10-55-11312.txt	10	6	55	43	123.4	43	43.0	30250	66645	725	34	0.0	38.2	2.6
data6-10-55-11313.txt	10	6	55	43	12.9	43	43.0	30250	66379	1	0	0.0	41.0	2.4
data6-10-55-11314.txt	10	6	55	39	10.7	39	39.0	30250	65856	1	8	0.0	36.0	1.2
data6-10-55-11315.txt	10	6	55	39	4.3	39	39.0	30250	66581	1	0	0.0	38.0	1.9
data6-10-55-11316.txt	10	6	55	47	3.3	47	47.0	30250	66442	0	0	0.0	47.0	2.7
data6-10-55-11317.txt	10	6	55	41	12.4	41	41.0	30250	66597	1	4	0.0	38.5	2.2
data6-10-55-11318.txt	10	6	55	44	196.5	45	44.0	30250	66525	753	182	0.1	43.0	3.6
data6-10-55-11319.txt	10	6	55	33	2.5	33	33.0	30250	65442	0	0	0.0	33.0	0.8
data6-10-55-11320.txt	10	6	55	41	9.1	41	41.0	30250	66260	1	11	0.0	39.1	2.6
data6-10-55-11321.txt	10	6	55	35	88.0	35	35.0	30250	66682	1424	47	0.0	32.0	2.0
data6-10-55-11322.txt	10	6	55	44	7.7	44	44.0	30250	66312	0	0	0.0	42.2	3.5
data6-10-55-11323.txt	10	6	55	46	13.6	46	46.0	30250	66370	196	84	0.0	43.5	2.6
data6-10-55-11324.txt	10	6	55	45	130.5	45	45.0	30250	66140	1937	151	0.1	39.8	2.3
data6-10-55-11325.txt	10	6	55	38	10.1	38	38.0	30250	66146	1	0	0.0	34.5	2.0
data6-10-55-11326.txt	10	6	55	36	6.9	36	36.0	30250	66037	1	0	0.0	33.5	2.2
data6-10-55-11327.txt	10	6	55	37	2.8	37	37.0	30250	65939	0	0	0.0	36.1	1.4
data6-10-55-11328.txt	10	6	55	45	15.3	45	45.0	30250	66737	1	0	0.0	42.5	2.9
data6-10-55-11329.txt	10	6	55	47	8.2	47	47.0	30250	66132	1	6	0.0	45.5	1.9
data6-10-55-11330.txt	10	6	55	35	4.3	35	35.0	30250	65932	0	0	0.0	33.5	1.3
data6-10-55-11331.txt	10	6	55	47	198.4	47	47.0	30250	66487	1127	35	0.0	42.3	3.9
data6-10-55-11332.txt	10	6	55	48	45.3	49	48.0	30250	66570	260	125	0.1	46.0	3.2
data6-10-55-11333.txt	10	6	55	45	14.5	45	45.0	30250	66774	0	0	0.0	43.2	5.2
data6-10-55-11334.txt	10	6	55	44	31.6	47	44.0	30250	66799	1	47	0.0	43.0	4.1
data6-10-55-11335.txt	10	6	55	40	67.0	40	40.0	30250	66173	1558	0	0.0	35.0	1.7
data6-10-55-11336.txt	10	6	55	38	158.5	38	38.0	30250	66025	1640	67	0.0	35.0	1.8
data6-10-55-11337.txt	10	6	55	36	9.4	36	36.0	30250	65841	1	0	0.0	32.5	1.7
data6-10-55-11338.txt	10	6	55	37	2.0	37	37.0	30250	65727	0	0	0.0	37.0	1.0
data6-10-55-11339.txt	10	6	55	38	74.5	38	38.0	30250	65757	3487	43	0.0	36.0	1.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-55-11340.txt	10	6	55	39	4.4	39	39.0	30250	66086	0	0	0.0	39.0	2.0
data6-10-55-11341.txt	10	6	55	46	178.4	46	46.0	30250	66168	1700	13	0.0	42.0	2.8
data6-10-55-11342.txt	10	6	55	41	14.1	41	41.0	30250	66399	44	0	0.0	37.7	2.0
data6-10-55-11343.txt	10	6	55	36	5.0	36	36.0	30250	65877	1	9	0.0	34.0	1.0
data6-10-55-11344.txt	10	6	55	45	8.1	45	45.0	30250	66397	1	7	0.0	43.2	1.5
data6-10-55-11345.txt	10	6	55	46	82.9	46	46.0	30250	66407	2276	21	0.0	43.2	3.2
data6-10-55-11346.txt	10	6	55	43	134.6	43	43.0	30250	66455	682	3	0.0	39.0	1.7
data6-10-55-11347.txt	10	6	55	41	16.6	41	41.0	30250	66619	133	60	0.0	37.0	1.9
data6-10-55-11348.txt	10	6	55	38	6.6	38	38.0	30250	66411	0	0	0.0	36.1	2.0
data6-10-55-11349.txt	10	6	55	37	2.8	37	37.0	30250	65451	0	0	0.0	35.8	1.0
data6-10-55-11350.txt	10	6	55	38	5.1	38	38.0	30250	66081	1	0	0.0	36.2	1.5
data6-10-55-11351.txt	10	6	55	42	11.9	42	42.0	30250	66280	1	0	0.0	41.0	3.2
data6-10-55-11352.txt	10	6	55	31	4.1	31	31.0	30250	65432	0	4	0.0	30.0	1.3
data6-10-55-11353.txt	10	6	55	33	3.8	33	33.0	30250	65536	1	8	0.0	31.5	0.9
data6-10-55-11354.txt	10	6	55	45	4.9	45	45.0	30250	65941	0	0	0.0	44.5	3.1
data6-10-55-11355.txt	10	6	55	41	6.5	41	41.0	30250	66080	1	0	0.0	38.4	1.7
data6-10-55-11356.txt	10	6	55	41	2.4	41	41.0	30250	66220	0	0	0.0	41.0	1.1
data6-10-55-11357.txt	10	6	55	38	6.9	38	38.0	30250	66214	1	11	0.0	36.5	1.5
data6-10-55-11358.txt	10	6	55	44	12.5	44	44.0	30250	66938	1	5	0.0	39.5	3.2
data6-10-55-11359.txt	10	6	55	45	53.8	45	45.0	30250	66796	1029	0	0.0	42.0	2.4
data6-10-55-11360.txt	10	6	55	40	10.6	40	40.0	30250	66312	1	16	0.0	38.0	2.6
data6-10-55-11361.txt	10	6	55	35	3.7	35	35.0	30250	65872	0	0	0.0	34.5	1.4
data6-10-55-11362.txt	10	6	55	44	296.6	44	44.0	30250	66775	2912	67	0.0	40.1	3.0
data6-10-55-11363.txt	10	6	55	41	3.3	41	41.0	30250	66497	0	0	0.0	41.0	2.9
data6-10-55-11364.txt	10	6	55	36	2.4	36	36.0	30250	66385	0	0	0.0	36.0	2.0
data6-10-55-11365.txt	10	6	55	40	7.9	40	40.0	30250	66389	1	4	0.0	37.4	2.7
data6-10-55-11366.txt	10	6	55	42	4.5	42	42.0	30250	66124	0	0	0.0	41.5	1.9
data6-10-55-11367.txt	10	6	55	38	4.1	38	38.0	30250	66164	0	0	0.0	37.5	1.8
data6-10-55-11368.txt	10	6	55	33	5.2	33	33.0	30250	66417	1	2	0.0	29.6	1.0
data6-10-55-11369.txt	10	6	55	39	60.9	39	39.0	30250	66544	1037	4	0.0	36.0	1.7
data6-10-55-11370.txt	10	6	55	43	188.9	44	43.0	30250	66136	1122	147	0.1	42.0	3.8
data6-10-55-11371.txt	10	6	55	40	5.8	40	40.0	30250	66107	0	0	0.0	39.3	2.7
data6-10-55-11372.txt	10	6	55	38	12.4	38	38.0	30250	66220	1	0	0.0	35.0	2.6
data6-10-55-11373.txt	10	6	55	40	4.0	40	40.0	30250	66208	0	0	0.0	40.0	1.5
data6-10-55-11374.txt	10	6	55	32	2.8	32	32.0	30250	65859	0	10	0.0	31.0	1.0
data6-10-55-11375.txt	10	6	55	45	8.0	45	45.0	30250	66398	1	0	0.0	42.8	3.6
data6-10-55-11376.txt	10	6	55	46	19.3	46	46.0	30250	66815	1	18	0.0	43.0	5.3
data6-10-55-11377.txt	10	6	55	48	11.9	48	48.0	30250	66641	35	142	0.1	46.5	3.9
data6-10-55-11378.txt	10	6	55	40	18.1	40	40.0	30250	66730	104	7	0.0	37.5	2.1
data6-10-55-11379.txt	10	6	55	45	18.5	45	45.0	30250	66883	9	0	0.0	42.0	3.7
data6-10-55-11380.txt	10	6	55	34	3.9	34	34.0	30250	66012	0	0	0.0	33.0	1.4
data6-10-55-11381.txt	10	6	55	31	1.9	31	31.0	30250	65711	0	0	0.0	31.0	0.9
data6-10-55-11382.txt	10	6	55	45	244.9	45	45.0	30250	66139	3601	35	0.0	40.0	2.3
data6-10-55-11383.txt	10	6	55	39	2.5	39	39.0	30250	66151	0	0	0.0	38.5	2.2
data6-10-55-11384.txt	10	6	55	46	95.9	46	46.0	30250	66197	1288	4	0.0	39.5	2.9
data6-10-55-11385.txt	10	6	55	40	8.0	40	40.0	30250	66659	1	4	0.0	37.0	2.2
data6-10-55-11386.txt	10	6	55	48	14.1	48	48.0	30250	66418	1	5	0.0	46.3	5.6
data6-10-55-11387.txt	10	6	55	44	4.9	44	44.0	30250	66338	1	0	0.0	42.0	1.6
data6-10-55-11388.txt	10	6	55	43	83.3	43	43.0	30250	66919	1573	2	0.0	40.0	4.1
data6-10-55-11389.txt	10	6	55	44	407.6	45	44.0	30250	66805	4098	483	0.2	40.6	1.9
data6-10-55-11390.txt	10	6	55	37	4.6	37	37.0	30250	66565	0	0	0.0	37.0	2.7
data6-10-55-11391.txt	10	6	55	37	2.9	37	37.0	30250	65287	0	0	0.0	37.0	1.1
data6-10-55-11392.txt	10	6	55	43	9.9	43	43.0	30250	66466	1	0	0.0	40.5	4.7
data6-10-55-11393.txt	10	6	55	40	10.4	40	40.0	30250	66808	1	0	0.0	38.0	1.9
data6-10-55-11394.txt	10	6	55	43	16.9	43	43.0	30250	67083	5	10	0.0	40.0	3.8
data6-10-55-11395.txt	10	6	55	48	199.3	48	48.0	30250	66781	1347	0	0.0	42.0	3.5
data6-10-55-11396.txt	10	6	55	40	3.9	40	40.0	30250	66263	0	0	0.0	40.0	2.5
data6-10-55-11397.txt	10	6	55	39	2.7	39	39.0	30250	65683	0	0	0.0	38.0	1.4
data6-10-55-11398.txt	10	6	55	51	18.3	51	51.0	30250	66815	14	6	0.0	47.9	4.1
data6-10-55-11399.txt	10	6	55	40	26.9	40	40.0	30250	66213	166	5	0.0	36.3	2.9
data6-10-55-11400.txt	10	6	55	46	31.6	46	46.0	30250	66415	287	69	0.0	44.0	2.9
data6-10-56-11401.txt	10	6	56	45	58.0	46	45.0	31360	69172	1237	37	0.0	41.1	2.2
data6-10-56-11402.txt	10	6	56	41	45.8	41	41.0	31360	69042	1948	62	0.0	36.5	2.2
data6-10-56-11403.txt	10	6	56	38	3.4	38	38.0	31360	68077	0	0	0.0	36.8	1.1
data6-10-56-11404.txt	10	6	56	34	9.5	34	34.0	31360	68271	13	0	0.0	32.2	1.3
data6-10-56-11405.txt	10	6	56	41	12.0	41	41.0	31360	69137	1	10	0.0	40.0	3.1
data6-10-56-11406.txt	10	6	56	34	3.7	34	34.0	31360	68512	0	0	0.0	34.0	1.2
data6-10-56-11407.txt	10	6	56	46	327.2	47	46.0	31360	68653	928	90	0.1	40.8	2.2
data6-10-56-11408.txt	10	6	56	40	5.9	40	40.0	31360	68963	0	0	0.0	39.0	2.3
data6-10-56-11409.txt	10	6	56	47	8.7	47	47.0	31360	68862	37	58	0.0	43.8	3.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-56-11410.txt	10	6	56	44	15.4	45	44.0	31360	68600	1	40	0.0	42.3	3.6
data6-10-56-11411.txt	10	6	56	46	3.5	46	46.0	31360	68927	0	0	0.0	46.0	3.0
data6-10-56-11412.txt	10	6	56	42	10.9	42	42.0	31360	68432	1	3	0.0	37.5	1.2
data6-10-56-11413.txt	10	6	56	43	5.1	43	43.0	31360	68626	1	0	0.0	41.0	2.5
data6-10-56-11414.txt	10	6	56	46	63.1	46	46.0	31360	68333	1597	4	0.0	42.3	1.3
data6-10-56-11415.txt	10	6	56	40	3.7	40	40.0	31360	68720	0	0	0.0	39.5	2.5
data6-10-56-11416.txt	10	6	56	44	433.4	45	44.0	31360	68955	5443	173	0.1	37.6	1.9
data6-10-56-11417.txt	10	6	56	44	6.2	44	44.0	31360	68956	1	0	0.0	40.7	1.8
data6-10-56-11418.txt	10	6	56	50	9.9	50	50.0	31360	68950	0	0	0.0	50.0	5.8
data6-10-56-11419.txt	10	6	56	44	21.1	44	44.0	31360	69228	22	2	0.0	42.0	2.7
data6-10-56-11420.txt	10	6	56	40	5.7	40	40.0	31360	68358	1	0	0.0	37.5	1.7
data6-10-56-11421.txt	10	6	56	40	2.5	40	40.0	31360	68413	0	0	0.0	40.0	1.4
data6-10-56-11422.txt	10	6	56	45	130.5	45	45.0	31360	68911	1397	43	0.0	41.0	2.5
data6-10-56-11423.txt	10	6	56	36	2.8	36	36.0	31360	67905	0	0	0.0	36.0	1.1
data6-10-56-11424.txt	10	6	56	45	7.3	45	45.0	31360	68944	1	1	0.0	43.0	1.8
data6-10-56-11425.txt	10	6	56	43	8.0	43	43.0	31360	68660	0	0	0.0	41.5	2.8
data6-10-56-11426.txt	10	6	56	35	2.3	35	35.0	31360	68599	0	0	0.0	34.0	1.3
data6-10-56-11427.txt	10	6	56	37	3.3	37	37.0	31360	69125	1	3	0.0	36.0	2.0
data6-10-56-11428.txt	10	6	56	41	4.9	41	41.0	31360	68260	0	0	0.0	41.0	2.3
data6-10-56-11429.txt	10	6	56	46	7.5	46	46.0	31360	68773	1	0	0.0	44.0	1.9
data6-10-56-11430.txt	10	6	56	44	7.6	44	44.0	31360	68277	0	0	0.0	43.0	2.1
data6-10-56-11431.txt	10	6	56	46	216.5	46	46.0	31360	69695	1109	120	0.1	43.0	5.4
data6-10-56-11432.txt	10	6	56	40	11.1	40	40.0	31360	68529	45	26	0.0	37.5	1.7
data6-10-56-11433.txt	10	6	56	43	7.4	43	43.0	31360	68659	176	82	0.0	42.0	2.5
data6-10-56-11434.txt	10	6	56	47	57.3	47	47.0	31360	68928	1064	42	0.0	41.5	3.4
data6-10-56-11435.txt	10	6	56	42	5.6	42	42.0	31360	68772	0	2	0.0	41.0	2.2
data6-10-56-11436.txt	10	6	56	53	77.7	54	53.0	31360	69831	170	11	0.0	50.5	10.0
data6-10-56-11437.txt	10	6	56	41	4.9	41	41.0	31360	68905	0	0	0.0	40.0	1.6
data6-10-56-11438.txt	10	6	56	39	4.1	39	39.0	31360	68584	0	0	0.0	39.0	1.4
data6-10-56-11439.txt	10	6	56	47	8.2	47	47.0	31360	68537	0	0	0.0	45.5	3.2
data6-10-56-11440.txt	10	6	56	43	7.7	43	43.0	31360	68384	1	20	0.0	41.5	1.8
data6-10-56-11441.txt	10	6	56	45	17.0	45	45.0	31360	68818	8	25	0.0	41.5	2.2
data6-10-56-11442.txt	10	6	56	43	7.2	43	43.0	31360	68725	1	0	0.0	39.5	1.4
data6-10-56-11443.txt	10	6	56	50	115.2	50	50.0	31360	68822	2513	70	0.1	42.8	2.1
data6-10-56-11444.txt	10	6	56	42	6.7	42	42.0	31360	68465	1	13	0.0	41.0	1.9
data6-10-56-11445.txt	10	6	56	46	15.8	46	46.0	31360	68977	18	12	0.0	43.5	4.7
data6-10-56-11446.txt	10	6	56	36	141.8	37	36.0	31360	68528	2740	83	0.1	34.0	1.4
data6-10-56-11447.txt	10	6	56	46	164.5	46	46.0	31360	68887	708	68	0.1	42.7	2.4
data6-10-56-11448.txt	10	6	56	38	10.5	38	38.0	31360	68796	1	19	0.0	35.0	1.5
data6-10-56-11449.txt	10	6	56	50	359.2	51	50.0	31360	69043	885	158	0.1	48.0	7.0
data6-10-56-11450.txt	10	6	56	45	88.9	45	45.0	31360	68490	1033	0	0.0	41.0	4.1
data6-10-56-11451.txt	10	6	56	39	4.5	39	39.0	31360	67787	0	0	0.0	38.0	1.1
data6-10-56-11452.txt	10	6	56	37	4.2	37	37.0	31360	67630	1	6	0.0	35.6	1.4
data6-10-56-11453.txt	10	6	56	42	5.1	42	42.0	31360	68333	0	0	0.0	41.0	1.4
data6-10-56-11454.txt	10	6	56	36	4.0	36	36.0	31360	68530	0	0	0.0	35.5	1.4
data6-10-56-11455.txt	10	6	56	47	17.1	47	47.0	31360	68458	98	58	0.0	46.0	4.6
data6-10-56-11456.txt	10	6	56	38	22.0	38	38.0	31360	68221	1047	20	0.0	35.0	1.2
data6-10-56-11457.txt	10	6	56	46	18.2	46	46.0	31360	68572	317	12	0.0	44.0	2.2
data6-10-56-11458.txt	10	6	56	41	9.6	41	41.0	31360	69214	1	0	0.0	39.0	2.4
data6-10-56-11459.txt	10	6	56	47	9.2	47	47.0	31360	68936	4	131	0.1	46.0	1.9
data6-10-56-11460.txt	10	6	56	42	63.8	43	42.0	31360	68751	1098	89	0.1	41.0	1.7
data6-10-56-11461.txt	10	6	56	41	4.0	41	41.0	31360	68783	0	0	0.0	41.0	1.7
data6-10-56-11462.txt	10	6	56	41	8.8	41	41.0	31360	68704	1	2	0.0	39.2	1.5
data6-10-56-11463.txt	10	6	56	38	114.7	38	38.0	31360	68885	2877	0	0.0	34.2	2.9
data6-10-56-11464.txt	10	6	56	42	1.9	42	42.0	31360	68027	0	0	0.0	41.2	1.4
data6-10-56-11465.txt	10	6	56	43	5.7	43	43.0	31360	68607	1	6	0.0	42.0	2.4
data6-10-56-11466.txt	10	6	56	42	78.9	42	42.0	31360	68407	1363	47	0.0	39.5	1.2
data6-10-56-11467.txt	10	6	56	44	251.8	44	44.0	31360	68922	1087	0	0.0	41.0	3.3
data6-10-56-11468.txt	10	6	56	53	721.3	53	53.0	31360	69475	4261	258	0.2	46.0	4.5
data6-10-56-11469.txt	10	6	56	51	18.5	51	51.0	31360	68760	8	31	0.0	47.5	6.4
data6-10-56-11470.txt	10	6	56	51	7.2	51	51.0	31360	68068	0	5	0.0	50.0	2.3
data6-10-56-11471.txt	10	6	56	41	4.2	41	41.0	31360	68326	1	2	0.0	39.3	2.1
data6-10-56-11472.txt	10	6	56	39	6.5	39	39.0	31360	68938	1	57	0.0	37.2	2.4
data6-10-56-11473.txt	10	6	56	50	7.4	50	50.0	31360	69284	1	1	0.0	48.5	4.1
data6-10-56-11474.txt	10	6	56	42	5.0	42	42.0	31360	69336	0	0	0.0	41.5	2.9
data6-10-56-11475.txt	10	6	56	49	517.2	49	49.0	31360	69116	6660	227	0.2	43.0	2.7
data6-10-56-11476.txt	10	6	56	41	4.3	41	41.0	31360	68522	1	5	0.0	40.0	1.6
data6-10-56-11477.txt	10	6	56	39	24.2	39	39.0	31360	68460	92	9	0.0	35.8	1.6
data6-10-56-11478.txt	10	6	56	42	10.7	42	42.0	31360	68642	1	0	0.0	39.5	1.8
data6-10-56-11479.txt	10	6	56	53	3601.9	53	52.0	31360	68938	71890	284	0.2	48.8	4.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-56-11480.txt	10	6	56	41	6.5	41	41.0	31360	68839	0	0	0.0	40.0	2.5
data6-10-56-11481.txt	10	6	56	42	8.5	42	42.0	31360	69184	1	1	0.0	40.0	2.7
data6-10-56-11482.txt	10	6	56	46	25.9	46	46.0	31360	69152	1	32	0.0	43.5	6.6
data6-10-56-11483.txt	10	6	56	42	5.5	42	42.0	31360	68438	0	2	0.0	40.0	1.7
data6-10-56-11484.txt	10	6	56	38	4.3	38	38.0	31360	68586	0	0	0.0	38.0	1.7
data6-10-56-11485.txt	10	6	56	44	3.3	44	44.0	31360	68994	0	0	0.0	43.4	2.0
data6-10-56-11486.txt	10	6	56	40	16.1	40	40.0	31360	68058	1	2	0.0	37.2	2.0
data6-10-56-11487.txt	10	6	56	41	7.9	42	41.0	31360	68865	1	45	0.0	38.0	1.9
data6-10-56-11488.txt	10	6	56	37	6.5	37	37.0	31360	68781	1	11	0.0	34.5	1.5
data6-10-56-11489.txt	10	6	56	46	10.3	46	46.0	31360	69592	1	60	0.0	42.3	2.7
data6-10-56-11490.txt	10	6	56	45	8.2	45	45.0	31360	68712	1	5	0.0	43.0	2.6
data6-10-56-11491.txt	10	6	56	30	2.7	30	30.0	31360	67751	0	0	0.0	29.0	0.9
data6-10-56-11492.txt	10	6	56	53	185.1	53	53.0	31360	69230	963	99	0.0	48.0	4.0
data6-10-56-11493.txt	10	6	56	42	21.2	42	42.0	31360	68710	469	8	0.0	39.0	1.7
data6-10-56-11494.txt	10	6	56	38	4.1	38	38.0	31360	68614	0	1	0.0	37.0	1.4
data6-10-56-11495.txt	10	6	56	41	3.6	41	41.0	31360	68487	0	0	0.0	39.5	1.5
data6-10-56-11496.txt	10	6	56	53	471.9	54	53.0	31360	69187	1736	240	0.2	49.0	3.9
data6-10-56-11497.txt	10	6	56	41	4.7	41	41.0	31360	68283	0	0	0.0	41.0	1.5
data6-10-56-11498.txt	10	6	56	47	84.9	47	47.0	31360	69322	1069	19	0.0	43.0	6.0
data6-10-56-11499.txt	10	6	56	54	116.9	54	54.0	31360	69111	1059	24	0.0	47.0	3.1
data6-10-56-11500.txt	10	6	56	52	21.0	52	52.0	31360	68723	19	0	0.0	48.5	6.0
data6-10-57-11501.txt	10	6	57	50	12.2	50	50.0	32490	71647	1	25	0.0	49.0	4.4
data6-10-57-11502.txt	10	6	57	51	8.5	51	51.0	32490	70907	1	8	0.0	49.5	2.8
data6-10-57-11503.txt	10	6	57	49	26.2	49	49.0	32490	71229	9	19	0.0	46.5	3.5
data6-10-57-11504.txt	10	6	57	48	176.2	48	48.0	32490	71605	1350	90	0.1	44.0	4.4
data6-10-57-11505.txt	10	6	57	47	8.2	47	47.0	32490	71182	1	0	0.0	45.0	1.8
data6-10-57-11506.txt	10	6	57	38	3.6	38	38.0	32490	70641	0	0	0.0	38.0	1.3
data6-10-57-11507.txt	10	6	57	38	3.8	38	38.0	32490	71090	0	0	0.0	38.0	1.6
data6-10-57-11508.txt	10	6	57	48	159.2	48	48.0	32490	71764	640	35	0.0	43.6	2.9
data6-10-57-11509.txt	10	6	57	47	165.2	47	47.0	32490	71243	2127	11	0.0	44.0	3.0
data6-10-57-11510.txt	10	6	57	46	45.0	46	46.0	32490	71292	1747	11	0.0	42.8	2.6
data6-10-57-11511.txt	10	6	57	39	4.6	39	39.0	32490	71076	0	0	0.0	38.0	1.6
data6-10-57-11512.txt	10	6	57	44	6.0	44	44.0	32490	71553	1	7	0.0	42.5	2.1
data6-10-57-11513.txt	10	6	57	43	11.5	43	43.0	32490	71270	1	2	0.0	40.8	3.0
data6-10-57-11514.txt	10	6	57	56	108.8	56	56.0	32490	71258	1397	58	0.0	49.5	5.3
data6-10-57-11515.txt	10	6	57	45	10.7	45	45.0	32490	71434	6	64	0.0	43.0	2.5
data6-10-57-11516.txt	10	6	57	53	7.9	53	53.0	32490	71252	1	7	0.0	49.5	2.6
data6-10-57-11517.txt	10	6	57	41	5.7	41	41.0	32490	70649	0	0	0.0	40.5	2.0
data6-10-57-11518.txt	10	6	57	50	4.7	50	50.0	32490	71162	0	0	0.0	50.0	3.3
data6-10-57-11519.txt	10	6	57	45	121.0	45	45.0	32490	71525	1476	34	0.0	40.1	2.6
data6-10-57-11520.txt	10	6	57	46	1856.8	46	46.0	32490	71685	25999	23	0.0	40.5	4.6
data6-10-57-11521.txt	10	6	57	49	9.4	49	49.0	32490	71360	1	8	0.0	45.5	2.7
data6-10-57-11522.txt	10	6	57	43	7.2	43	43.0	32490	70585	1	3	0.0	41.5	1.6
data6-10-57-11523.txt	10	6	57	42	10.5	42	42.0	32490	70855	1	7	0.0	40.0	2.0
data6-10-57-11524.txt	10	6	57	39	4.2	39	39.0	32490	70857	0	0	0.0	39.0	1.7
data6-10-57-11525.txt	10	6	57	42	43.8	42	42.0	32490	71486	1617	84	0.1	39.5	1.5
data6-10-57-11526.txt	10	6	57	42	9.4	42	42.0	32490	71294	0	0	0.0	41.0	2.6
data6-10-57-11527.txt	10	6	57	45	9.4	45	45.0	32490	71698	1	11	0.0	42.7	2.4
data6-10-57-11528.txt	10	6	57	41	7.5	41	41.0	32490	70533	12	3	0.0	37.5	1.4
data6-10-57-11529.txt	10	6	57	36	3.7	36	36.0	32490	70605	1	0	0.0	34.5	1.4
data6-10-57-11530.txt	10	6	57	47	9.9	47	47.0	32490	71426	1	5	0.0	44.5	2.7
data6-10-57-11531.txt	10	6	57	40	4.6	41	40.0	32490	70977	1	17	0.0	39.5	1.4
data6-10-57-11532.txt	10	6	57	48	100.6	48	48.0	32490	71287	1131	26	0.0	43.2	2.9
data6-10-57-11533.txt	10	6	57	41	5.6	41	41.0	32490	71158	1	4	0.0	39.0	2.3
data6-10-57-11534.txt	10	6	57	42	4.1	42	42.0	32490	70854	1	0	0.0	40.5	1.7
data6-10-57-11535.txt	10	6	57	40	5.8	40	40.0	32490	70923	1	8	0.0	38.0	1.8
data6-10-57-11536.txt	10	6	57	50	24.4	50	50.0	32490	71370	11	26	0.0	46.0	3.5
data6-10-57-11537.txt	10	6	57	39	6.0	39	39.0	32490	70427	1	8	0.0	37.0	1.5
data6-10-57-11538.txt	10	6	57	37	7.7	37	37.0	32490	71204	1	0	0.0	35.0	2.9
data6-10-57-11539.txt	10	6	57	45	9.2	45	45.0	32490	71394	1	0	0.0	42.2	2.5
data6-10-57-11540.txt	10	6	57	41	4.0	41	41.0	32490	70770	0	1	0.0	40.0	1.6
data6-10-57-11541.txt	10	6	57	39	7.2	39	39.0	32490	70772	1	5	0.0	37.0	1.8
data6-10-57-11542.txt	10	6	57	44	15.3	44	44.0	32490	71362	1	0	0.0	42.0	4.4
data6-10-57-11543.txt	10	6	57	46	10.1	46	46.0	32490	70811	1	2	0.0	44.0	3.4
data6-10-57-11544.txt	10	6	57	51	128.6	51	51.0	32490	71539	2117	94	0.0	44.5	3.3
data6-10-57-11545.txt	10	6	57	43	16.4	43	43.0	32490	71334	1	3	0.0	39.1	3.4
data6-10-57-11546.txt	10	6	57	35	3.3	35	35.0	32490	70713	0	0	0.0	35.0	1.3
data6-10-57-11547.txt	10	6	57	48	6.2	48	48.0	32490	71036	0	0	0.0	47.0	2.4
data6-10-57-11548.txt	10	6	57	41	5.0	41	41.0	32490	70676	1	17	0.0	39.5	1.3
data6-10-57-11549.txt	10	6	57	42	3.7	42	42.0	32490	70932	0	0	0.0	41.5	2.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-57-11550.txt	10	6	57	43	5.6	43	43.0	32490	70941	1	34	0.0	42.0	2.2
data6-10-57-11551.txt	10	6	57	40	5.1	40	40.0	32490	70835	1	15	0.0	38.7	1.2
data6-10-57-11552.txt	10	6	57	49	8.7	49	49.0	32490	71196	1	11	0.0	47.5	4.2
data6-10-57-11553.txt	10	6	57	43	9.2	43	43.0	32490	70798	1	3	0.0	41.0	3.2
data6-10-57-11554.txt	10	6	57	50	17.7	50	50.0	32490	71059	24	5	0.0	45.5	2.7
data6-10-57-11555.txt	10	6	57	54	99.6	54	54.0	32490	71882	1127	185	0.1	50.0	4.8
data6-10-57-11556.txt	10	6	57	42	9.1	42	42.0	32490	71196	12	2	0.0	39.5	2.5
data6-10-57-11557.txt	10	6	57	43	7.9	43	43.0	32490	71268	1	10	0.0	41.0	2.4
data6-10-57-11558.txt	10	6	57	39	5.6	39	39.0	32490	70811	1	0	0.0	36.5	1.3
data6-10-57-11559.txt	10	6	57	40	4.1	40	40.0	32490	70433	0	0	0.0	40.0	1.2
data6-10-57-11560.txt	10	6	57	35	4.7	35	35.0	32490	70267	1	0	0.0	33.5	1.2
data6-10-57-11561.txt	10	6	57	49	11.3	49	49.0	32490	71526	1	4	0.0	47.0	2.7
data6-10-57-11562.txt	10	6	57	47	40.7	47	47.0	32490	71624	388	2	0.0	42.9	5.0
data6-10-57-11563.txt	10	6	57	43	4.9	43	43.0	32490	70622	0	0	0.0	43.0	1.6
data6-10-57-11564.txt	10	6	57	46	8.1	46	46.0	32490	70817	1	3	0.0	43.5	1.1
data6-10-57-11565.txt	10	6	57	38	3.1	38	38.0	32490	71312	0	0	0.0	36.5	2.1
data6-10-57-11566.txt	10	6	57	48	123.3	48	48.0	32490	70863	2615	35	0.0	42.0	1.8
data6-10-57-11567.txt	10	6	57	46	34.5	47	46.0	32490	71193	19	17	0.0	42.2	2.7
data6-10-57-11568.txt	10	6	57	40	7.4	40	40.0	32490	71326	1	0	0.0	38.0	2.7
data6-10-57-11569.txt	10	6	57	38	3.9	38	38.0	32490	70916	0	0	0.0	37.5	1.3
data6-10-57-11570.txt	10	6	57	37	5.7	37	37.0	32490	70723	0	0	0.0	36.0	1.7
data6-10-57-11571.txt	10	6	57	45	12.7	46	45.0	32490	70640	8	66	0.0	44.0	2.9
data6-10-57-11572.txt	10	6	57	44	17.1	44	44.0	32490	71495	1	50	0.0	41.0	4.3
data6-10-57-11573.txt	10	6	57	44	7.1	44	44.0	32490	71330	0	0	0.0	44.0	3.4
data6-10-57-11574.txt	10	6	57	41	3.2	41	41.0	32490	70947	0	0	0.0	40.5	1.1
data6-10-57-11575.txt	10	6	57	47	4.8	47	47.0	32490	71208	1	0	0.0	45.0	2.4
data6-10-57-11576.txt	10	6	57	42	5.9	42	42.0	32490	71418	1	19	0.0	40.5	1.9
data6-10-57-11577.txt	10	6	57	45	54.0	46	45.0	32490	71078	1192	121	0.1	43.0	2.5
data6-10-57-11578.txt	10	6	57	46	8.0	46	46.0	32490	71791	0	6	0.0	45.0	4.3
data6-10-57-11579.txt	10	6	57	56	2447.5	56	56.0	32490	71983	14799	211	0.1	53.0	8.4
data6-10-57-11580.txt	10	6	57	35	7.2	35	35.0	32490	70872	1	0	0.0	32.5	1.4
data6-10-57-11581.txt	10	6	57	46	598.4	46	46.0	32490	70933	2426	0	0.0	41.0	3.4
data6-10-57-11582.txt	10	6	57	35	4.4	35	35.0	32490	70787	0	0	0.0	35.0	1.5
data6-10-57-11583.txt	10	6	57	44	3.5	44	44.0	32490	71502	0	9	0.0	43.0	2.2
data6-10-57-11584.txt	10	6	57	44	4.5	44	44.0	32490	70977	0	0	0.0	43.0	1.4
data6-10-57-11585.txt	10	6	57	49	37.7	49	49.0	32490	70845	2822	23	0.0	44.3	1.2
data6-10-57-11586.txt	10	6	57	38	7.6	38	38.0	32490	70866	1	0	0.0	35.3	1.7
data6-10-57-11587.txt	10	6	57	41	19.9	41	41.0	32490	71094	71	5	0.0	38.0	2.3
data6-10-57-11588.txt	10	6	57	42	4.9	42	42.0	32490	71240	0	0	0.0	42.0	1.5
data6-10-57-11589.txt	10	6	57	39	8.3	39	39.0	32490	71352	1	0	0.0	37.2	1.6
data6-10-57-11590.txt	10	6	57	43	6.1	43	43.0	32490	71161	0	0	0.0	43.0	2.3
data6-10-57-11591.txt	10	6	57	42	58.9	42	42.0	32490	70584	1886	60	0.0	38.5	1.5
data6-10-57-11592.txt	10	6	57	41	4.3	41	41.0	32490	70744	0	0	0.0	40.5	1.6
data6-10-57-11593.txt	10	6	57	47	19.3	47	47.0	32490	70871	1	0	0.0	46.0	4.3
data6-10-57-11594.txt	10	6	57	43	9.9	44	43.0	32490	71438	1	30	0.0	41.8	2.8
data6-10-57-11595.txt	10	6	57	33	1.8	33	33.0	32490	70457	0	0	0.0	33.0	1.0
data6-10-57-11596.txt	10	6	57	44	31.0	44	44.0	32490	71258	1962	22	0.0	37.0	1.5
data6-10-57-11597.txt	10	6	57	42	7.7	42	42.0	32490	71530	5	49	0.0	40.2	1.9
data6-10-57-11598.txt	10	6	57	53	26.0	53	53.0	32490	71041	1	17	0.0	49.2	3.2
data6-10-57-11599.txt	10	6	57	38	3.3	38	38.0	32490	70864	0	0	0.0	37.5	1.6
data6-10-57-11600.txt	10	6	57	42	5.4	42	42.0	32490	71148	1	3	0.0	40.5	1.9
data6-10-58-11601.txt	10	6	58	40	7.1	40	40.0	33640	73347	1	0	0.0	38.0	1.5
data6-10-58-11602.txt	10	6	58	43	7.0	43	43.0	33640	73496	0	2	0.0	42.0	2.4
data6-10-58-11603.txt	10	6	58	54	931.1	54	54.0	33640	73950	6978	44	0.0	48.0	4.3
data6-10-58-11604.txt	10	6	58	47	426.3	47	47.0	33640	73730	3512	88	0.1	43.0	2.6
data6-10-58-11605.txt	10	6	58	40	3.5	40	40.0	33640	73379	0	1	0.0	38.5	1.6
data6-10-58-11606.txt	10	6	58	50	20.1	50	50.0	33640	74223	15	7	0.0	45.8	6.2
data6-10-58-11607.txt	10	6	58	44	5.2	44	44.0	33640	73544	0	0	0.0	43.5	2.7
data6-10-58-11608.txt	10	6	58	47	134.5	48	47.0	33640	73558	993	128	0.1	46.0	2.5
data6-10-58-11609.txt	10	6	58	42	8.7	42	42.0	33640	73237	1	8	0.0	38.0	1.0
data6-10-58-11610.txt	10	6	58	43	185.1	43	43.0	33640	73559	1623	1	0.0	39.0	2.2
data6-10-58-11611.txt	10	6	58	44	8.6	44	44.0	33640	73572	0	0	0.0	43.5	3.4
data6-10-58-11612.txt	10	6	58	44	30.9	45	44.0	33640	73237	138	13	0.0	42.0	2.9
data6-10-58-11613.txt	10	6	58	42	8.5	42	42.0	33640	73555	1	17	0.0	40.0	1.2
data6-10-58-11614.txt	10	6	58	54	15.4	54	54.0	33640	73914	1	0	0.0	50.5	6.8
data6-10-58-11615.txt	10	6	58	53	10.0	53	53.0	33640	74269	1	1	0.0	49.5	3.4
data6-10-58-11616.txt	10	6	58	55	2869.3	55	55.0	33640	74129	37181	388	0.3	53.0	3.2
data6-10-58-11617.txt	10	6	58	51	207.3	51	51.0	33640	73785	5064	25	0.0	48.2	4.0
data6-10-58-11618.txt	10	6	58	50	366.2	50	50.0	33640	73966	6212	155	0.1	43.7	2.7
data6-10-58-11619.txt	10	6	58	47	15.5	47	47.0	33640	74100	1	11	0.0	45.5	5.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-58-11620.txt	10	6	58	39	4.8	39	39.0	33640	73234	0	0	0.0	38.5	1.7
data6-10-58-11621.txt	10	6	58	54	212.9	54	54.0	33640	74510	1330	1	0.0	48.5	6.2
data6-10-58-11622.txt	10	6	58	45	11.1	45	45.0	33640	74034	1	0	0.0	42.3	4.1
data6-10-58-11623.txt	10	6	58	49	51.3	49	49.0	33640	73570	257	19	0.0	45.0	2.6
data6-10-58-11624.txt	10	6	58	48	252.3	48	48.0	33640	73879	3046	121	0.0	46.0	4.9
data6-10-58-11625.txt	10	6	58	42	6.3	42	42.0	33640	73655	0	0	0.0	41.5	2.7
data6-10-58-11626.txt	10	6	58	48	28.4	48	48.0	33640	73387	188	6	0.0	42.7	2.7
data6-10-58-11627.txt	10	6	58	44	8.8	44	44.0	33640	73995	1	0	0.0	43.0	2.4
data6-10-58-11628.txt	10	6	58	50	11.5	50	50.0	33640	74130	1	6	0.0	47.0	5.6
data6-10-58-11629.txt	10	6	58	40	2.6	40	40.0	33640	73366	0	0	0.0	40.0	1.4
data6-10-58-11630.txt	10	6	58	45	19.8	45	45.0	33640	73705	5	0	0.0	41.3	2.0
data6-10-58-11631.txt	10	6	58	39	5.8	39	39.0	33640	73405	1	0	0.0	37.2	1.8
data6-10-58-11632.txt	10	6	58	47	8.7	47	47.0	33640	73934	1	4	0.0	43.8	3.7
data6-10-58-11633.txt	10	6	58	48	3005.7	48	48.0	33640	73850	256982	227	0.1	44.0	2.5
data6-10-58-11634.txt	10	6	58	45	237.5	45	45.0	33640	73799	3983	15	0.0	42.0	2.4
data6-10-58-11635.txt	10	6	58	48	109.2	48	48.0	33640	73631	2260	62	0.0	44.3	2.8
data6-10-58-11636.txt	10	6	58	42	6.4	42	42.0	33640	73869	0	0	0.0	42.0	2.5
data6-10-58-11637.txt	10	6	58	42	38.1	42	42.0	33640	73562	683	0	0.0	40.0	2.7
data6-10-58-11638.txt	10	6	58	52	15.5	53	52.0	33640	74288	12	56	0.1	48.0	3.5
data6-10-58-11639.txt	10	6	58	49	306.3	49	49.0	33640	73878	2473	40	0.0	41.2	2.9
data6-10-58-11640.txt	10	6	58	31	2.4	31	31.0	33640	72938	0	1	0.0	30.0	0.8
data6-10-58-11641.txt	10	6	58	42	50.2	42	42.0	33640	73988	401	4	0.0	40.0	3.3
data6-10-58-11642.txt	10	6	58	47	15.1	47	47.0	33640	73836	1	0	0.0	44.0	3.5
data6-10-58-11643.txt	10	6	58	46	10.4	46	46.0	33640	73987	1	1	0.0	43.3	2.6
data6-10-58-11644.txt	10	6	58	46	9.8	46	46.0	33640	73326	1	12	0.0	44.0	1.9
data6-10-58-11645.txt	10	6	58	45	73.5	45	45.0	33640	73371	1667	0	0.0	40.5	2.1
data6-10-58-11646.txt	10	6	58	46	17.4	46	46.0	33640	73592	1	1	0.0	43.0	3.7
data6-10-58-11647.txt	10	6	58	44	8.5	44	44.0	33640	73152	1	1	0.0	40.0	1.6
data6-10-58-11648.txt	10	6	58	45	3.2	45	45.0	33640	73766	0	0	0.0	45.0	2.3
data6-10-58-11649.txt	10	6	58	39	3.3	39	39.0	33640	73077	0	7	0.0	38.0	1.3
data6-10-58-11650.txt	10	6	58	49	234.4	49	49.0	33640	74186	1931	48	0.0	46.0	4.9
data6-10-58-11651.txt	10	6	58	50	58.5	50	50.0	33640	73868	531	83	0.1	45.5	2.1
data6-10-58-11652.txt	10	6	58	43	10.9	43	43.0	33640	74060	0	0	0.0	41.7	4.6
data6-10-58-11653.txt	10	6	58	38	4.9	38	38.0	33640	73379	1	10	0.0	36.0	1.1
data6-10-58-11654.txt	10	6	58	51	15.7	52	51.0	33640	73966	1	50	0.1	49.7	4.5
data6-10-58-11655.txt	10	6	58	42	6.6	42	42.0	33640	73901	0	3	0.0	40.7	2.9
data6-10-58-11656.txt	10	6	58	50	37.1	50	50.0	33640	73957	33	38	0.0	47.3	10.4
data6-10-58-11657.txt	10	6	58	44	8.7	44	44.0	33640	73527	1	0	0.0	42.0	2.9
data6-10-58-11658.txt	10	6	58	43	401.2	43	43.0	33640	73428	1148	84	0.1	39.4	3.2
data6-10-58-11659.txt	10	6	58	48	3.1	48	48.0	33640	73636	0	5	0.0	47.0	1.1
data6-10-58-11660.txt	10	6	58	45	5.1	45	45.0	33640	73888	0	0	0.0	44.5	3.8
data6-10-58-11661.txt	10	6	58	44	4.8	44	44.0	33640	73563	0	0	0.0	44.0	2.8
data6-10-58-11662.txt	10	6	58	43	11.0	43	43.0	33640	73577	1	4	0.0	41.0	2.4
data6-10-58-11663.txt	10	6	58	40	7.2	40	40.0	33640	73373	1	5	0.0	37.5	1.5
data6-10-58-11664.txt	10	6	58	37	4.7	37	37.0	33640	73250	1	6	0.0	35.5	1.3
data6-10-58-11665.txt	10	6	58	52	9.9	52	52.0	33640	73493	1	3	0.0	49.0	2.4
data6-10-58-11666.txt	10	6	58	45	14.7	46	45.0	33640	73624	47	49	0.0	41.5	2.0
data6-10-58-11667.txt	10	6	58	57	35.2	57	57.0	33640	73965	1	19	0.0	53.8	10.4
data6-10-58-11668.txt	10	6	58	51	81.7	51	51.0	33640	73556	1201	49	0.0	48.5	1.8
data6-10-58-11669.txt	10	6	58	41	6.8	41	41.0	33640	73343	1	0	0.0	38.0	1.4
data6-10-58-11670.txt	10	6	58	37	9.1	37	37.0	33640	73313	1	10	0.0	34.5	1.4
data6-10-58-11671.txt	10	6	58	39	6.3	39	39.0	33640	73354	1	4	0.0	36.0	1.6
data6-10-58-11672.txt	10	6	58	44	7.9	44	44.0	33640	73524	1	0	0.0	41.5	2.6
data6-10-58-11673.txt	10	6	58	40	10.7	40	40.0	33640	73385	4	2	0.0	37.0	1.9
data6-10-58-11674.txt	10	6	58	49	91.1	49	49.0	33640	74041	1534	35	0.0	45.0	3.1
data6-10-58-11675.txt	10	6	58	50	20.3	50	50.0	33640	73597	3	0	0.0	46.7	4.8
data6-10-58-11676.txt	10	6	58	52	7.2	52	52.0	33640	73771	1	4	0.0	49.4	3.2
data6-10-58-11677.txt	10	6	58	37	5.5	37	37.0	33640	73910	1	0	0.0	36.0	2.7
data6-10-58-11678.txt	10	6	58	42	144.8	43	42.0	33640	73451	1082	27	0.0	40.0	2.4
data6-10-58-11679.txt	10	6	58	48	9.5	48	48.0	33640	73788	3	51	0.0	47.0	2.1
data6-10-58-11680.txt	10	6	58	45	13.5	45	45.0	33640	73543	1	0	0.0	44.0	3.3
data6-10-58-11681.txt	10	6	58	49	30.5	49	49.0	33640	73205	1388	132	0.1	47.0	2.7
data6-10-58-11682.txt	10	6	58	45	4.9	45	45.0	33640	73435	0	0	0.0	43.5	2.0
data6-10-58-11683.txt	10	6	58	42	6.3	42	42.0	33640	73306	40	19	0.0	37.7	1.0
data6-10-58-11684.txt	10	6	58	37	4.1	37	37.0	33640	73578	0	0	0.0	37.0	1.4
data6-10-58-11685.txt	10	6	58	43	6.3	43	43.0	33640	73189	1	0	0.0	41.5	1.6
data6-10-58-11686.txt	10	6	58	46	12.0	46	46.0	33640	74174	1	0	0.0	42.0	2.1
data6-10-58-11687.txt	10	6	58	52	14.8	52	52.0	33640	73958	78	47	0.0	51.0	5.9
data6-10-58-11688.txt	10	6	58	46	37.1	46	46.0	33640	73720	349	9	0.0	42.5	2.2
data6-10-58-11689.txt	10	6	58	46	246.2	46	46.0	33640	73387	1357	50	0.0	41.0	1.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-58-11690.txt	10	6	58	41	3.8	41	41.0	33640	73127	0	0	0.0	40.5	1.5
data6-10-58-11691.txt	10	6	58	44	51.8	44	44.0	33640	73758	775	13	0.0	40.7	2.9
data6-10-58-11692.txt	10	6	58	52	10.4	52	52.0	33640	73868	0	0	0.0	51.0	3.4
data6-10-58-11693.txt	10	6	58	43	10.4	43	43.0	33640	73632	1	12	0.0	40.1	1.8
data6-10-58-11694.txt	10	6	58	56	8.6	56	56.0	33640	74139	1	1	0.0	53.5	2.7
data6-10-58-11695.txt	10	6	58	51	36.8	52	51.0	33640	74142	44	63	0.0	47.0	8.5
data6-10-58-11696.txt	10	6	58	53	143.8	53	53.0	33640	73519	3159	9	0.0	48.0	2.0
data6-10-58-11697.txt	10	6	58	43	10.0	44	43.0	33640	73863	1	29	0.0	41.1	2.1
data6-10-58-11698.txt	10	6	58	49	4.6	49	49.0	33640	73589	0	0	0.0	48.5	2.6
data6-10-58-11699.txt	10	6	58	42	6.4	42	42.0	33640	73504	1	18	0.0	40.5	2.3
data6-10-58-11700.txt	10	6	58	35	3.2	35	35.0	33640	73566	0	0	0.0	34.5	1.4
data6-10-59-11701.txt	10	6	59	37	3.8	37	37.0	34810	75592	0	0	0.0	36.0	1.1
data6-10-59-11702.txt	10	6	59	46	5.7	46	46.0	34810	76329	0	0	0.0	45.5	2.1
data6-10-59-11703.txt	10	6	59	52	19.5	52	52.0	34810	76285	1	0	0.0	49.5	4.7
data6-10-59-11704.txt	10	6	59	41	4.9	41	41.0	34810	76400	0	0	0.0	41.0	2.4
data6-10-59-11705.txt	10	6	59	46	57.9	46	46.0	34810	75651	804	93	0.1	44.0	2.6
data6-10-59-11706.txt	10	6	59	49	8.5	49	49.0	34810	76160	1	7	0.0	46.5	2.2
data6-10-59-11707.txt	10	6	59	47	6.1	47	47.0	34810	76001	0	0	0.0	46.0	2.1
data6-10-59-11708.txt	10	6	59	47	7.0	47	47.0	34810	76383	1	5	0.0	43.7	2.7
data6-10-59-11709.txt	10	6	59	58	279.7	58	58.0	34810	76497	1706	144	0.1	51.5	4.3
data6-10-59-11710.txt	10	6	59	39	3.5	39	39.0	34810	75505	1	8	0.0	38.0	1.4
data6-10-59-11711.txt	10	6	59	51	9.0	51	51.0	34810	76377	84	31	0.0	46.0	2.7
data6-10-59-11712.txt	10	6	59	44	2.7	44	44.0	34810	75689	0	0	0.0	44.0	1.6
data6-10-59-11713.txt	10	6	59	47	412.9	47	47.0	34810	76047	1542	11	0.0	42.8	3.8
data6-10-59-11714.txt	10	6	59	49	19.1	49	49.0	34810	76213	1	26	0.0	45.8	5.2
data6-10-59-11715.txt	10	6	59	48	4.4	48	48.0	34810	76674	0	0	0.0	47.5	2.6
data6-10-59-11716.txt	10	6	59	35	3.9	35	35.0	34810	75271	0	0	0.0	34.0	1.0
data6-10-59-11717.txt	10	6	59	37	5.2	37	37.0	34810	76024	0	0	0.0	37.0	2.2
data6-10-59-11718.txt	10	6	59	45	15.2	45	45.0	34810	76264	24	18	0.0	43.0	2.2
data6-10-59-11719.txt	10	6	59	62	2312.0	63	62.0	34810	77102	12370	368	0.2	55.5	9.3
data6-10-59-11720.txt	10	6	59	50	21.8	50	50.0	34810	75505	602	76	0.1	47.5	1.4
data6-10-59-11721.txt	10	6	59	44	11.4	44	44.0	34810	75669	24	43	0.0	40.0	2.1
data6-10-59-11722.txt	10	6	59	51	30.4	51	51.0	34810	76264	4	5	0.0	47.2	4.2
data6-10-59-11723.txt	10	6	59	48	102.5	48	48.0	34810	76374	1540	7	0.0	45.0	3.1
data6-10-59-11724.txt	10	6	59	41	4.7	41	41.0	34810	75620	0	0	0.0	39.5	1.4
data6-10-59-11725.txt	10	6	59	51	76.9	51	51.0	34810	76086	722	11	0.0	47.5	4.0
data6-10-59-11726.txt	10	6	59	44	117.2	45	44.0	34810	76063	887	153	0.1	42.0	1.7
data6-10-59-11727.txt	10	6	59	44	7.5	44	44.0	34810	75811	0	0	0.0	44.0	4.0
data6-10-59-11728.txt	10	6	59	55	116.7	55	55.0	34810	76679	1767	0	0.0	51.0	4.9
data6-10-59-11729.txt	10	6	59	48	31.8	49	48.0	34810	76261	265	163	0.2	45.0	3.1
data6-10-59-11730.txt	10	6	59	45	57.4	46	45.0	34810	75955	583	57	0.1	42.0	3.3
data6-10-59-11731.txt	10	6	59	50	8.6	50	50.0	34810	76290	1	26	0.0	48.0	2.5
data6-10-59-11732.txt	10	6	59	42	10.9	42	42.0	34810	76031	1	0	0.0	40.0	2.1
data6-10-59-11733.txt	10	6	59	53	110.8	53	53.0	34810	76398	1481	42	0.0	51.0	4.1
data6-10-59-11734.txt	10	6	59	38	2.9	38	38.0	34810	75522	0	1	0.0	37.0	1.2
data6-10-59-11735.txt	10	6	59	49	7.3	49	49.0	34810	75874	1	31	0.0	47.5	3.0
data6-10-59-11736.txt	10	6	59	51	319.9	52	51.0	34810	76756	1203	186	0.1	49.0	3.4
data6-10-59-11737.txt	10	6	59	45	180.8	45	45.0	34810	76196	1149	85	0.1	41.0	1.6
data6-10-59-11738.txt	10	6	59	47	7.7	47	47.0	34810	75856	1	4	0.0	46.0	2.8
data6-10-59-11739.txt	10	6	59	48	6.1	48	48.0	34810	76615	0	0	0.0	48.0	4.1
data6-10-59-11740.txt	10	6	59	48	154.3	48	48.0	34810	76520	1493	0	0.0	43.8	4.0
data6-10-59-11741.txt	10	6	59	44	8.7	44	44.0	34810	75765	25	40	0.0	41.5	1.3
data6-10-59-11742.txt	10	6	59	40	5.8	40	40.0	34810	76106	0	0	0.0	39.0	1.8
data6-10-59-11743.txt	10	6	59	40	11.3	40	40.0	34810	76560	1	5	0.0	36.5	2.1
data6-10-59-11744.txt	10	6	59	41	5.4	41	41.0	34810	76342	0	0	0.0	41.0	2.5
data6-10-59-11745.txt	10	6	59	56	236.9	56	56.0	34810	76268	909	3	0.0	49.9	6.9
data6-10-59-11746.txt	10	6	59	54	17.4	54	54.0	34810	76497	15	22	0.0	52.1	2.6
data6-10-59-11747.txt	10	6	59	53	166.0	53	53.0	34810	76005	1604	10	0.0	48.5	2.8
data6-10-59-11748.txt	10	6	59	43	124.4	43	43.0	34810	76035	2121	128	0.1	40.0	2.3
data6-10-59-11749.txt	10	6	59	40	5.3	40	40.0	34810	75936	1	0	0.0	38.0	1.5
data6-10-59-11750.txt	10	6	59	50	68.8	50	50.0	34810	76230	1230	23	0.0	45.0	2.0
data6-10-59-11751.txt	10	6	59	49	5.7	49	49.0	34810	75814	0	0	0.0	49.0	2.6
data6-10-59-11752.txt	10	6	59	38	3.4	38	38.0	34810	75727	0	0	0.0	38.0	1.1
data6-10-59-11753.txt	10	6	59	46	7.2	46	46.0	34810	75755	1	8	0.0	41.0	1.7
data6-10-59-11754.txt	10	6	59	44	2.4	44	44.0	34810	75128	0	0	0.0	44.0	1.9
data6-10-59-11755.txt	10	6	59	53	2340.0	53	53.0	34810	76531	44745	85	0.1	49.0	3.5
data6-10-59-11756.txt	10	6	59	47	273.8	47	47.0	34810	76122	1977	51	0.0	44.0	3.8
data6-10-59-11757.txt	10	6	59	45	9.2	45	45.0	34810	76192	1	19	0.0	42.0	2.6
data6-10-59-11758.txt	10	6	59	45	3.2	45	45.0	34810	76085	1	15	0.0	43.0	1.2
data6-10-59-11759.txt	10	6	59	41	3.9	41	41.0	34810	75602	0	0	0.0	40.0	1.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data6-10-59-11760.txt	10	6	59	42	5.4	42	42.0	34810	75417	3	21	0.0	40.0	1.5
data6-10-59-11761.txt	10	6	59	63	131.4	63	63.0	34810	76571	1098	47	0.0	58.5	4.9
data6-10-59-11762.txt	10	6	59	39	2.7	39	39.0	34810	75423	0	0	0.0	37.5	1.3
data6-10-59-11763.txt	10	6	59	42	8.6	42	42.0	34810	76308	1	0	0.0	39.3	2.4
data6-10-59-11764.txt	10	6	59	51	1249.2	52	51.0	34810	76636	24769	335	0.3	46.0	4.9
data6-10-59-11765.txt	10	6	59	62	258.8	63	62.0	34810	76747	1123	122	0.1	57.2	5.9
data6-10-59-11766.txt	10	6	59	52	20.1	53	52.0	34810	76673	26	38	0.0	51.5	3.6
data6-10-59-11767.txt	10	6	59	54	117.1	54	54.0	34810	76773	1411	229	0.2	48.0	2.9
data6-10-59-11768.txt	10	6	59	42	245.1	42	42.0	34810	76123	1971	116	0.1	38.0	2.2
data6-10-59-11769.txt	10	6	59	45	30.9	45	45.0	34810	76304	685	38	0.0	40.0	1.6
data6-10-59-11770.txt	10	6	59	39	3.8	39	39.0	34810	75832	0	0	0.0	38.2	1.6
data6-10-59-11771.txt	10	6	59	58	16.3	58	58.0	34810	76283	1	8	0.0	57.0	4.6
data6-10-59-11772.txt	10	6	59	42	12.5	42	42.0	34810	76509	1	3	0.0	39.0	1.4
data6-10-59-11773.txt	10	6	59	46	3.8	46	46.0	34810	75708	1	3	0.0	45.0	1.2
data6-10-59-11774.txt	10	6	59	48	240.8	48	48.0	34810	76083	2105	0	0.0	42.8	2.0
data6-10-59-11775.txt	10	6	59	54	8.8	54	54.0	34810	76396	1	38	0.0	52.0	2.1
data6-10-59-11776.txt	10	6	59	51	5.7	51	51.0	34810	76260	0	0	0.0	50.2	2.5
data6-10-59-11777.txt	10	6	59	45	29.4	45	45.0	34810	76148	302	41	0.0	42.2	2.5
data6-10-59-11778.txt	10	6	59	49	99.9	49	49.0	34810	76371	2257	131	0.1	46.0	3.1
data6-10-59-11779.txt	10	6	59	41	10.0	41	41.0	34810	75314	154	30	0.0	39.0	1.2
data6-10-59-11780.txt	10	6	59	57	425.1	57	57.0	34810	76641	5527	6	0.0	53.0	8.3
data6-10-59-11781.txt	10	6	59	49	27.2	49	49.0	34810	76610	30	47	0.0	46.0	3.4
data6-10-59-11782.txt	10	6	59	51	30.5	51	51.0	34810	76689	25	0	0.0	46.5	3.9
data6-10-59-11783.txt	10	6	59	53	736.1	53	53.0	34810	76320	13848	172	0.1	47.6	4.8
data6-10-59-11784.txt	10	6	59	46	5.1	46	46.0	34810	75863	1	3	0.0	43.0	1.5
data6-10-59-11785.txt	10	6	59	45	16.8	45	45.0	34810	76178	1	3	0.0	42.7	2.6
data6-10-59-11786.txt	10	6	59	47	45.2	47	47.0	34810	76438	1981	17	0.0	41.5	2.5
data6-10-59-11787.txt	10	6	59	49	24.1	49	49.0	34810	76211	41	14	0.0	44.7	3.1
data6-10-59-11788.txt	10	6	59	49	23.5	49	49.0	34810	76267	72	18	0.0	45.0	2.1
data6-10-59-11789.txt	10	6	59	46	18.7	46	46.0	34810	75990	33	0	0.0	43.5	3.9
data6-10-59-11790.txt	10	6	59	54	503.8	54	54.0	34810	76827	1604	25	0.0	45.0	3.9
data6-10-59-11791.txt	10	6	59	47	12.5	47	47.0	34810	76377	145	24	0.0	44.0	2.6
data6-10-59-11792.txt	10	6	59	39	9.5	39	39.0	34810	75954	1	19	0.0	37.5	1.9
data6-10-59-11793.txt	10	6	59	59	189.9	59	59.0	34810	76840	666	147	0.1	54.2	5.7
data6-10-59-11794.txt	10	6	59	58	15.1	58	58.0	34810	76593	1	3	0.0	54.0	5.0
data6-10-59-11795.txt	10	6	59	45	7.4	45	45.0	34810	76171	0	0	0.0	44.0	1.8
data6-10-59-11796.txt	10	6	59	47	830.2	47	47.0	34810	76471	20789	63	0.1	42.5	4.2
data6-10-59-11797.txt	10	6	59	47	20.2	47	47.0	34810	76023	512	13	0.0	44.5	2.2
data6-10-59-11798.txt	10	6	59	52	9.2	52	52.0	34810	77029	0	3	0.0	51.0	4.1
data6-10-59-11799.txt	10	6	59	54	8.7	54	54.0	34810	76122	1	4	0.0	51.5	1.8
data6-10-59-11800.txt	10	6	59	41	4.4	41	41.0	34810	75753	0	0	0.0	40.3	1.4
data7-6-35-01801.txt	6	7	35	29	2.2	29	29.0	7350	16638	1	0	0.0	26.4	0.4
data7-6-35-01802.txt	6	7	35	30	0.6	30	30.0	7350	16391	0	1	0.0	29.0	0.3
data7-6-35-01803.txt	6	7	35	34	2.2	34	34.0	7350	16331	1	0	0.0	31.0	0.3
data7-6-35-01804.txt	6	7	35	33	2.4	33	33.0	7350	16423	1	21	0.0	31.0	0.7
data7-6-35-01805.txt	6	7	35	26	0.5	26	26.0	7350	16374	0	0	0.0	25.0	0.2
data7-6-35-01806.txt	6	7	35	24	0.4	24	24.0	7350	16406	0	0	0.0	23.5	0.2
data7-6-35-01807.txt	6	7	35	33	4.4	33	33.0	7350	16677	522	53	0.0	27.3	0.3
data7-6-35-01808.txt	6	7	35	31	1.2	31	31.0	7350	16528	0	2	0.0	30.0	0.6
data7-6-35-01809.txt	6	7	35	26	0.5	26	26.0	7350	16496	1	0	0.0	24.0	0.2
data7-6-35-01810.txt	6	7	35	23	0.7	23	23.0	7350	16329	0	0	0.0	21.5	0.3
data7-6-35-01811.txt	6	7	35	28	0.6	28	28.0	7350	16543	0	0	0.0	26.5	0.3
data7-6-35-01812.txt	6	7	35	34	0.9	34	34.0	7350	16479	0	8	0.0	32.5	0.6
data7-6-35-01813.txt	6	7	35	31	1.2	31	31.0	7350	16332	1	1	0.0	28.0	0.4
data7-6-35-01814.txt	6	7	35	28	0.5	28	28.0	7350	16312	0	0	0.0	27.0	0.2
data7-6-35-01815.txt	6	7	35	30	2.8	30	30.0	7350	16416	31	2	0.0	26.0	0.4
data7-6-35-01816.txt	6	7	35	25	0.3	25	25.0	7350	16444	0	4	0.0	23.0	0.2
data7-6-35-01817.txt	6	7	35	25	0.6	25	25.0	7350	16327	0	0	0.0	24.0	0.2
data7-6-35-01818.txt	6	7	35	29	1.4	29	29.0	7350	16249	1	0	0.0	26.0	0.3
data7-6-35-01819.txt	6	7	35	34	13.7	34	34.0	7350	16358	2010	18	0.0	30.8	0.6
data7-6-35-01820.txt	6	7	35	25	0.5	25	25.0	7350	16450	0	0	0.0	24.2	0.2
data7-6-35-01821.txt	6	7	35	30	1.2	30	30.0	7350	16360	1	0	0.0	28.1	0.3
data7-6-35-01822.txt	6	7	35	29	1.4	29	29.0	7350	16296	1	4	0.0	27.2	0.6
data7-6-35-01823.txt	6	7	35	28	1.1	28	28.0	7350	16445	1	0	0.0	26.0	0.3
data7-6-35-01824.txt	6	7	35	36	27.0	36	36.0	7350	16568	2839	33	0.0	31.3	0.7
data7-6-35-01825.txt	6	7	35	26	0.3	26	26.0	7350	16360	1	9	0.0	24.7	0.2
data7-6-35-01826.txt	6	7	35	27	2.0	27	27.0	7350	16431	1	0	0.0	25.0	0.5
data7-6-35-01827.txt	6	7	35	30	1.9	30	30.0	7350	16431	296	38	0.0	27.0	0.4
data7-6-35-01828.txt	6	7	35	28	1.1	28	28.0	7350	16503	1	9	0.0	26.5	0.3
data7-6-35-01829.txt	6	7	35	38	1.8	38	38.0	7350	16552	14	68	0.0	37.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-35-01830.txt	6	7	35	34	0.5	34	34.0	7350	16377	0	0	0.0	34.0	0.3
data7-6-35-01831.txt	6	7	35	28	0.5	28	28.0	7350	16470	0	0	0.0	27.5	0.4
data7-6-35-01832.txt	6	7	35	26	0.6	26	26.0	7350	16328	0	0	0.0	26.0	0.2
data7-6-35-01833.txt	6	7	35	26	0.7	26	26.0	7350	16311	0	0	0.0	25.5	0.4
data7-6-35-01834.txt	6	7	35	33	1.4	33	33.0	7350	16565	1	2	0.0	30.5	0.4
data7-6-35-01835.txt	6	7	35	38	15.2	38	38.0	7350	16481	926	104	0.0	35.5	0.7
data7-6-35-01836.txt	6	7	35	38	66.3	38	38.0	7350	16513	3087	26	0.0	33.2	0.7
data7-6-35-01837.txt	6	7	35	26	1.6	26	26.0	7350	16596	1	0	0.0	23.5	0.3
data7-6-35-01838.txt	6	7	35	36	10.2	36	36.0	7350	16621	222	8	0.0	30.5	0.4
data7-6-35-01839.txt	6	7	35	19	0.4	19	19.0	7350	16149	0	0	0.0	18.2	0.2
data7-6-35-01840.txt	6	7	35	31	2.4	31	31.0	7350	16451	1	24	0.0	29.0	0.3
data7-6-35-01841.txt	6	7	35	24	1.7	24	24.0	7350	16388	10	0	0.0	19.8	0.3
data7-6-35-01842.txt	6	7	35	29	2.9	29	29.0	7350	16316	31	27	0.0	27.0	0.4
data7-6-35-01843.txt	6	7	35	36	13.9	36	36.0	7350	16537	1350	47	0.0	32.5	0.5
data7-6-35-01844.txt	6	7	35	36	1.8	36	36.0	7350	16506	0	0	0.0	34.5	0.6
data7-6-35-01845.txt	6	7	35	33	9.9	33	33.0	7350	16515	1020	113	0.0	30.0	0.3
data7-6-35-01846.txt	6	7	35	26	1.1	26	26.0	7350	16541	1	1	0.0	24.0	0.3
data7-6-35-01847.txt	6	7	35	32	2.6	32	32.0	7350	16478	1	19	0.0	30.0	0.4
data7-6-35-01848.txt	6	7	35	28	0.9	28	28.0	7350	16396	3	23	0.0	26.5	0.3
data7-6-35-01849.txt	6	7	35	32	17.2	32	32.0	7350	16502	1435	85	0.0	27.5	0.4
data7-6-35-01850.txt	6	7	35	26	1.1	26	26.0	7350	16575	1	1	0.0	24.0	0.3
data7-6-35-01851.txt	6	7	35	38	36.3	38	38.0	7350	16506	1187	9	0.0	33.0	0.6
data7-6-35-01852.txt	6	7	35	31	4.6	31	31.0	7350	16518	12	0	0.0	28.3	0.5
data7-6-35-01853.txt	6	7	35	26	1.3	27	26.0	7350	16475	1	25	0.0	26.0	0.4
data7-6-35-01854.txt	6	7	35	36	34.9	36	36.0	7350	16453	2772	57	0.0	29.0	0.7
data7-6-35-01855.txt	6	7	35	32	1.4	32	32.0	7350	16367	1	0	0.0	30.0	0.3
data7-6-35-01856.txt	6	7	35	28	0.6	28	28.0	7350	16300	0	0	0.0	27.5	0.3
data7-6-35-01857.txt	6	7	35	24	0.6	24	24.0	7350	16373	0	0	0.0	24.0	0.3
data7-6-35-01858.txt	6	7	35	21	0.5	21	21.0	7350	16338	0	0	0.0	21.0	0.2
data7-6-35-01859.txt	6	7	35	33	8.4	33	33.0	7350	16580	340	12	0.0	27.5	0.5
data7-6-35-01860.txt	6	7	35	30	0.9	30	30.0	7350	16520	0	0	0.0	29.5	0.4
data7-6-35-01861.txt	6	7	35	25	0.8	25	25.0	7350	16404	0	0	0.0	24.0	0.2
data7-6-35-01862.txt	6	7	35	35	11.3	35	35.0	7350	16533	348	5	0.0	29.0	0.6
data7-6-35-01863.txt	6	7	35	35	53.9	36	35.0	7350	16583	1930	117	0.0	30.2	0.6
data7-6-35-01864.txt	6	7	35	28	0.5	28	28.0	7350	16397	0	0	0.0	28.0	0.2
data7-6-35-01865.txt	6	7	35	28	0.5	28	28.0	7350	16343	0	1	0.0	27.0	0.2
data7-6-35-01866.txt	6	7	35	26	0.6	26	26.0	7350	16358	0	0	0.0	25.3	0.2
data7-6-35-01867.txt	6	7	35	25	0.4	25	25.0	7350	16402	0	0	0.0	25.0	0.2
data7-6-35-01868.txt	6	7	35	26	1.8	26	26.0	7350	16418	1	3	0.0	23.5	0.3
data7-6-35-01869.txt	6	7	35	26	0.6	26	26.0	7350	16399	0	2	0.0	25.0	0.2
data7-6-35-01870.txt	6	7	35	29	0.5	29	29.0	7350	16379	0	1	0.0	27.7	0.2
data7-6-35-01871.txt	6	7	35	29	0.8	29	29.0	7350	16461	0	0	0.0	28.5	0.4
data7-6-35-01872.txt	6	7	35	25	0.5	25	25.0	7350	16392	0	0	0.0	25.0	0.2
data7-6-35-01873.txt	6	7	35	30	1.8	30	30.0	7350	16559	1	11	0.0	26.5	0.5
data7-6-35-01874.txt	6	7	35	28	0.6	28	28.0	7350	16426	0	0	0.0	27.5	0.2
data7-6-35-01875.txt	6	7	35	25	0.6	25	25.0	7350	16416	0	0	0.0	25.0	0.2
data7-6-35-01876.txt	6	7	35	28	0.9	28	28.0	7350	16421	0	0	0.0	26.8	0.4
data7-6-35-01877.txt	6	7	35	31	1.2	31	31.0	7350	16526	1	12	0.0	30.0	0.4
data7-6-35-01878.txt	6	7	35	34	1.2	34	34.0	7350	16413	0	0	0.0	34.0	0.6
data7-6-35-01879.txt	6	7	35	34	5.6	34	34.0	7350	16522	309	38	0.0	30.9	0.4
data7-6-35-01880.txt	6	7	35	35	1.2	35	35.0	7350	16512	0	0	0.0	35.0	0.6
data7-6-35-01881.txt	6	7	35	38	39.8	38	38.0	7350	16495	1260	46	0.0	33.8	0.7
data7-6-35-01882.txt	6	7	35	35	24.5	35	35.0	7350	16461	905	10	0.0	32.0	0.6
data7-6-35-01883.txt	6	7	35	30	0.9	30	30.0	7350	16588	0	0	0.0	29.0	0.4
data7-6-35-01884.txt	6	7	35	34	1.0	34	34.0	7350	16337	0	0	0.0	34.0	0.5
data7-6-35-01885.txt	6	7	35	23	0.6	23	23.0	7350	16415	1	2	0.0	21.5	0.3
data7-6-35-01886.txt	6	7	35	32	7.3	32	32.0	7350	16350	1512	56	0.0	27.5	0.3
data7-6-35-01887.txt	6	7	35	29	1.9	29	29.0	7350	16603	50	26	0.0	26.5	0.3
data7-6-35-01888.txt	6	7	35	22	0.4	22	22.0	7350	16339	0	0	0.0	22.0	0.2
data7-6-35-01889.txt	6	7	35	28	0.7	28	28.0	7350	16309	0	0	0.0	27.0	0.3
data7-6-35-01890.txt	6	7	35	33	3.6	33	33.0	7350	16517	1	0	0.0	30.5	0.6
data7-6-35-01891.txt	6	7	35	28	17.9	28	28.0	7350	16360	1029	23	0.0	24.5	0.7
data7-6-35-01892.txt	6	7	35	37	1.2	37	37.0	7350	16526	0	0	0.0	36.5	0.7
data7-6-35-01893.txt	6	7	35	30	1.2	30	30.0	7350	16526	0	0	0.0	28.5	0.4
data7-6-35-01894.txt	6	7	35	34	7.9	35	34.0	7350	16582	129	96	0.0	31.5	0.6
data7-6-35-01895.txt	6	7	35	30	1.2	30	30.0	7350	16558	0	0	0.0	28.5	0.3
data7-6-35-01896.txt	6	7	35	26	0.5	26	26.0	7350	16330	0	0	0.0	26.0	0.2
data7-6-35-01897.txt	6	7	35	32	2.5	32	32.0	7350	16374	1	43	0.0	27.8	0.6
data7-6-35-01898.txt	6	7	35	33	1.9	33	33.0	7350	16442	1	7	0.0	30.5	0.3
data7-6-35-01899.txt	6	7	35	38	1.3	38	38.0	7350	16579	0	0	0.0	37.0	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-35-01900.txt	6	7	35	27	0.5	27	27.0	7350	16353	0	0	0.0	26.3	0.2
data7-6-36-01901.txt	6	7	36	34	2.1	34	34.0	7776	17238	3	9	0.0	31.5	0.5
data7-6-36-01902.txt	6	7	36	25	0.7	25	25.0	7776	17320	1	36	0.0	24.0	0.3
data7-6-36-01903.txt	6	7	36	32	1.5	32	32.0	7776	17291	1	15	0.0	30.0	0.5
data7-6-36-01904.txt	6	7	36	32	8.0	32	32.0	7776	17455	861	32	0.0	29.0	0.6
data7-6-36-01905.txt	6	7	36	36	2.2	36	36.0	7776	17574	1	8	0.0	34.5	0.5
data7-6-36-01906.txt	6	7	36	37	35.8	37	37.0	7776	17369	3647	28	0.0	32.2	0.5
data7-6-36-01907.txt	6	7	36	30	0.5	30	30.0	7776	17402	0	0	0.0	29.5	0.3
data7-6-36-01908.txt	6	7	36	43	34.2	43	43.0	7776	17513	2755	151	0.0	40.0	0.7
data7-6-36-01909.txt	6	7	36	35	1.1	35	35.0	7776	17332	1	3	0.0	34.0	0.4
data7-6-36-01910.txt	6	7	36	28	0.5	28	28.0	7776	17256	0	3	0.0	27.0	0.2
data7-6-36-01911.txt	6	7	36	41	5.2	41	41.0	7776	17305	201	5	0.0	36.5	0.4
data7-6-36-01912.txt	6	7	36	20	0.6	20	20.0	7776	17225	1	16	0.0	19.0	0.2
data7-6-36-01913.txt	6	7	36	31	0.5	31	31.0	7776	17265	0	0	0.0	31.0	0.2
data7-6-36-01914.txt	6	7	36	36	4.0	36	36.0	7776	17392	244	2	0.0	32.5	0.4
data7-6-36-01915.txt	6	7	36	25	0.5	25	25.0	7776	17242	0	0	0.0	25.0	0.2
data7-6-36-01916.txt	6	7	36	28	0.8	28	28.0	7776	17311	0	5	0.0	27.0	0.4
data7-6-36-01917.txt	6	7	36	28	1.7	28	28.0	7776	17434	1	0	0.0	26.3	0.3
data7-6-36-01918.txt	6	7	36	34	1.3	34	34.0	7776	17317	0	0	0.0	33.0	0.6
data7-6-36-01919.txt	6	7	36	31	1.9	31	31.0	7776	17476	1	4	0.0	27.5	0.3
data7-6-36-01920.txt	6	7	36	36	1.0	36	36.0	7776	17539	1	10	0.0	35.0	0.5
data7-6-36-01921.txt	6	7	36	27	0.7	27	27.0	7776	17425	0	0	0.0	26.0	0.3
data7-6-36-01922.txt	6	7	36	35	6.5	35	35.0	7776	17532	847	84	0.0	32.2	0.4
data7-6-36-01923.txt	6	7	36	37	3.6	37	37.0	7776	17411	299	90	0.0	34.5	0.8
data7-6-36-01924.txt	6	7	36	28	0.7	28	28.0	7776	17354	0	0	0.0	28.0	0.3
data7-6-36-01925.txt	6	7	36	40	1.5	40	40.0	7776	17442	1	21	0.0	38.0	0.5
data7-6-36-01926.txt	6	7	36	27	0.4	27	27.0	7776	17406	0	0	0.0	27.0	0.3
data7-6-36-01927.txt	6	7	36	40	59.5	40	40.0	7776	17417	1322	135	0.0	34.9	0.5
data7-6-36-01928.txt	6	7	36	36	12.6	36	36.0	7776	17610	1735	113	0.0	33.2	0.5
data7-6-36-01929.txt	6	7	36	33	4.4	33	33.0	7776	17479	178	67	0.0	29.3	0.4
data7-6-36-01930.txt	6	7	36	31	1.5	31	31.0	7776	17338	1	3	0.0	28.5	0.3
data7-6-36-01931.txt	6	7	36	44	99.1	44	44.0	7776	17438	6256	300	0.1	41.0	0.7
data7-6-36-01932.txt	6	7	36	26	4.6	26	26.0	7776	17375	254	32	0.0	23.5	0.3
data7-6-36-01933.txt	6	7	36	34	5.1	34	34.0	7776	17464	141	39	0.0	31.2	0.4
data7-6-36-01934.txt	6	7	36	42	34.1	42	42.0	7776	17613	1331	92	0.0	39.0	0.7
data7-6-36-01935.txt	6	7	36	30	2.7	30	30.0	7776	17356	1	0	0.0	26.5	0.3
data7-6-36-01936.txt	6	7	36	32	2.7	32	32.0	7776	17466	65	5	0.0	28.1	0.4
data7-6-36-01937.txt	6	7	36	35	2.0	35	35.0	7776	17539	1	14	0.0	33.3	0.5
data7-6-36-01938.txt	6	7	36	22	0.3	22	22.0	7776	17205	0	0	0.0	22.0	0.2
data7-6-36-01939.txt	6	7	36	31	3.5	31	31.0	7776	17359	676	24	0.0	27.0	0.4
data7-6-36-01940.txt	6	7	36	29	1.6	29	29.0	7776	17556	1	6	0.0	27.5	0.3
data7-6-36-01941.txt	6	7	36	27	0.9	27	27.0	7776	17291	1	7	0.0	25.5	0.3
data7-6-36-01942.txt	6	7	36	38	51.6	38	38.0	7776	17449	4355	104	0.0	32.1	0.4
data7-6-36-01943.txt	6	7	36	38	5.0	38	38.0	7776	17478	1	5	0.0	36.0	0.6
data7-6-36-01944.txt	6	7	36	36	1.7	36	36.0	7776	17380	1	16	0.0	34.0	0.4
data7-6-36-01945.txt	6	7	36	28	10.5	28	28.0	7776	17549	1514	44	0.0	25.0	0.5
data7-6-36-01946.txt	6	7	36	28	0.9	28	28.0	7776	17293	1	9	0.0	26.0	0.2
data7-6-36-01947.txt	6	7	36	34	28.2	34	34.0	7776	17380	1878	73	0.0	30.5	0.6
data7-6-36-01948.txt	6	7	36	26	0.9	26	26.0	7776	17393	1	0	0.0	24.0	0.2
data7-6-36-01949.txt	6	7	36	33	0.7	33	33.0	7776	17291	0	6	0.0	32.0	0.3
data7-6-36-01950.txt	6	7	36	37	8.7	37	37.0	7776	17558	890	31	0.0	35.0	0.4
data7-6-36-01951.txt	6	7	36	39	17.2	39	39.0	7776	17398	695	41	0.0	34.5	0.7
data7-6-36-01952.txt	6	7	36	36	1.2	36	36.0	7776	17547	0	0	0.0	36.0	0.6
data7-6-36-01953.txt	6	7	36	34	4.1	34	34.0	7776	17672	14	0	0.0	30.0	0.5
data7-6-36-01954.txt	6	7	36	29	0.5	29	29.0	7776	17272	0	0	0.0	28.5	0.4
data7-6-36-01955.txt	6	7	36	34	5.2	34	34.0	7776	17365	410	54	0.0	31.5	0.5
data7-6-36-01956.txt	6	7	36	35	2.3	35	35.0	7776	17346	1	0	0.0	33.0	0.5
data7-6-36-01957.txt	6	7	36	34	1.0	34	34.0	7776	17540	0	0	0.0	33.5	0.4
data7-6-36-01958.txt	6	7	36	43	1.0	43	43.0	7776	17461	0	0	0.0	43.0	0.9
data7-6-36-01959.txt	6	7	36	31	0.5	31	31.0	7776	17292	0	0	0.0	30.0	0.2
data7-6-36-01960.txt	6	7	36	29	1.0	29	29.0	7776	17402	1	0	0.0	27.5	0.5
data7-6-36-01961.txt	6	7	36	44	0.9	44	44.0	7776	17428	1	6	0.0	41.5	0.4
data7-6-36-01962.txt	6	7	36	30	0.8	30	30.0	7776	17390	1	6	0.0	28.7	0.4
data7-6-36-01963.txt	6	7	36	37	42.8	37	37.0	7776	17593	3809	125	0.0	33.5	0.8
data7-6-36-01964.txt	6	7	36	33	10.2	33	33.0	7776	17383	1463	87	0.0	29.0	0.5
data7-6-36-01965.txt	6	7	36	34	1.4	34	34.0	7776	17507	12	37	0.0	33.0	0.3
data7-6-36-01966.txt	6	7	36	31	1.8	31	31.0	7776	17541	1	1	0.0	29.0	0.3
data7-6-36-01967.txt	6	7	36	30	1.0	30	30.0	7776	17345	1	0	0.0	27.0	0.4
data7-6-36-01968.txt	6	7	36	29	0.6	29	29.0	7776	17343	1	0	0.0	27.0	0.3
data7-6-36-01969.txt	6	7	36	35	1.0	35	35.0	7776	17322	1	1	0.0	34.0	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-36-01970.txt	6	7	36	33	1.2	33	33.0	7776	17431	92	79	0.0	31.5	0.6
data7-6-36-01971.txt	6	7	36	36	1.2	36	36.0	7776	17406	1	6	0.0	34.5	0.5
data7-6-36-01972.txt	6	7	36	30	0.9	30	30.0	7776	17417	21	63	0.0	28.5	0.4
data7-6-36-01973.txt	6	7	36	37	2.1	37	37.0	7776	17440	27	47	0.0	33.5	0.6
data7-6-36-01974.txt	6	7	36	31	1.4	31	31.0	7776	17398	198	44	0.0	28.5	0.3
data7-6-36-01975.txt	6	7	36	35	0.5	35	35.0	7776	17416	0	2	0.0	34.0	0.3
data7-6-36-01976.txt	6	7	36	20	0.3	20	20.0	7776	17189	0	0	0.0	19.0	0.2
data7-6-36-01977.txt	6	7	36	38	196.2	38	38.0	7776	17592	12139	333	0.1	32.0	0.8
data7-6-36-01978.txt	6	7	36	42	380.8	42	42.0	7776	17632	2590	372	0.1	35.4	0.6
data7-6-36-01979.txt	6	7	36	31	3.1	31	31.0	7776	17339	288	34	0.0	24.5	0.4
data7-6-36-01980.txt	6	7	36	31	0.8	31	31.0	7776	17277	1	0	0.0	28.0	0.3
data7-6-36-01981.txt	6	7	36	28	1.0	28	28.0	7776	17269	0	0	0.0	26.5	0.4
data7-6-36-01982.txt	6	7	36	35	1.2	35	35.0	7776	17337	1	21	0.0	33.5	0.5
data7-6-36-01983.txt	6	7	36	42	6.1	42	42.0	7776	17416	50	17	0.0	39.5	0.7
data7-6-36-01984.txt	6	7	36	30	0.6	30	30.0	7776	17184	0	0	0.0	29.5	0.2
data7-6-36-01985.txt	6	7	36	29	0.8	29	29.0	7776	17421	0	0	0.0	28.0	0.5
data7-6-36-01986.txt	6	7	36	35	3.2	35	35.0	7776	17525	191	47	0.0	29.5	0.3
data7-6-36-01987.txt	6	7	36	44	78.0	44	44.0	7776	17451	1786	152	0.0	38.3	0.6
data7-6-36-01988.txt	6	7	36	30	1.2	30	30.0	7776	17249	0	0	0.0	29.2	0.7
data7-6-36-01989.txt	6	7	36	31	3.5	31	31.0	7776	17325	86	0	0.0	28.1	0.4
data7-6-36-01990.txt	6	7	36	31	2.3	31	31.0	7776	17382	1	0	0.0	27.5	0.5
data7-6-36-01991.txt	6	7	36	23	0.4	23	23.0	7776	17207	0	0	0.0	23.0	0.2
data7-6-36-01992.txt	6	7	36	37	8.8	37	37.0	7776	17466	422	32	0.0	34.1	0.6
data7-6-36-01993.txt	6	7	36	35	8.2	35	35.0	7776	17519	809	20	0.0	30.0	0.3
data7-6-36-01994.txt	6	7	36	31	1.2	31	31.0	7776	17355	0	0	0.0	29.9	0.4
data7-6-36-01995.txt	6	7	36	36	2.5	36	36.0	7776	17574	1	5	0.0	34.0	0.6
data7-6-36-01996.txt	6	7	36	35	112.7	35	35.0	7776	17423	3567	19	0.0	32.0	0.9
data7-6-36-01997.txt	6	7	36	34	0.8	34	34.0	7776	17516	0	0	0.0	34.0	0.3
data7-6-36-01998.txt	6	7	36	32	36.2	32	32.0	7776	17391	1592	8	0.0	27.5	0.6
data7-6-36-01999.txt	6	7	36	30	1.8	30	30.0	7776	17451	280	18	0.0	26.5	0.3
data7-6-36-02000.txt	6	7	36	39	9.7	39	39.0	7776	17584	295	78	0.0	35.0	0.5
data7-6-37-02001.txt	6	7	37	46	5.4	46	46.0	8214	18367	90	22	0.0	40.0	0.4
data7-6-37-02002.txt	6	7	37	46	204.1	46	46.0	8214	18404	13214	184	0.0	38.8	0.8
data7-6-37-02003.txt	6	7	37	39	5.5	39	39.0	8214	18396	393	11	0.0	35.9	0.3
data7-6-37-02004.txt	6	7	37	38	2.3	38	38.0	8214	18387	1	3	0.0	36.0	0.5
data7-6-37-02005.txt	6	7	37	49	52.4	49	49.0	8214	18332	1240	184	0.0	45.5	0.8
data7-6-37-02006.txt	6	7	37	34	1.7	34	34.0	8214	18524	68	67	0.0	32.0	0.6
data7-6-37-02007.txt	6	7	37	35	4.6	35	35.0	8214	18256	219	24	0.0	32.0	0.3
data7-6-37-02008.txt	6	7	37	32	0.6	32	32.0	8214	18454	1	17	0.0	30.7	0.3
data7-6-37-02009.txt	6	7	37	32	3.5	33	32.0	8214	18539	43	46	0.0	28.4	0.5
data7-6-37-02010.txt	6	7	37	40	7.6	40	40.0	8214	18535	243	52	0.0	37.0	0.6
data7-6-37-02011.txt	6	7	37	33	1.0	33	33.0	8214	18441	0	1	0.0	32.0	0.4
data7-6-37-02012.txt	6	7	37	39	5.4	39	39.0	8214	18473	123	116	0.0	37.0	0.8
data7-6-37-02013.txt	6	7	37	38	7.4	38	38.0	8214	18384	40	71	0.0	35.5	0.4
data7-6-37-02014.txt	6	7	37	33	2.3	33	33.0	8214	18369	1	0	0.0	31.0	0.4
data7-6-37-02015.txt	6	7	37	36	0.7	36	36.0	8214	18406	0	0	0.0	35.3	0.3
data7-6-37-02016.txt	6	7	37	34	1.8	34	34.0	8214	18391	1	4	0.0	32.0	0.3
data7-6-37-02017.txt	6	7	37	32	0.6	32	32.0	8214	18408	0	0	0.0	32.0	0.3
data7-6-37-02018.txt	6	7	37	27	0.8	27	27.0	8214	18176	0	0	0.0	27.0	0.4
data7-6-37-02019.txt	6	7	37	35	6.5	35	35.0	8214	18407	343	1	0.0	30.8	0.4
data7-6-37-02020.txt	6	7	37	33	8.1	33	33.0	8214	18380	421	55	0.0	30.6	0.5
data7-6-37-02021.txt	6	7	37	38	3.3	38	38.0	8214	18339	320	78	0.0	30.5	0.2
data7-6-37-02022.txt	6	7	37	39	2.7	39	39.0	8214	18463	1	2	0.0	34.5	0.5
data7-6-37-02023.txt	6	7	37	36	1.1	36	36.0	8214	18267	0	0	0.0	35.3	0.5
data7-6-37-02024.txt	6	7	37	43	2.3	43	43.0	8214	18455	1	6	0.0	39.5	0.5
data7-6-37-02025.txt	6	7	37	41	1.3	41	41.0	8214	18487	1	13	0.0	39.0	0.5
data7-6-37-02026.txt	6	7	37	33	1.1	33	33.0	8214	18350	7	29	0.0	30.5	0.3
data7-6-37-02027.txt	6	7	37	40	7.0	40	40.0	8214	18365	779	92	0.0	36.2	0.6
data7-6-37-02028.txt	6	7	37	31	1.4	31	31.0	8214	18500	151	50	0.0	28.0	0.3
data7-6-37-02029.txt	6	7	37	31	0.5	31	31.0	8214	18254	0	0	0.0	31.0	0.2
data7-6-37-02030.txt	6	7	37	30	0.7	30	30.0	8214	18249	0	3	0.0	29.0	0.3
data7-6-37-02031.txt	6	7	37	33	1.2	33	33.0	8214	18551	20	25	0.0	30.5	0.3
data7-6-37-02032.txt	6	7	37	26	0.7	26	26.0	8214	18273	0	0	0.0	25.0	0.2
data7-6-37-02033.txt	6	7	37	31	0.5	31	31.0	8214	18224	1	8	0.0	28.0	0.2
data7-6-37-02034.txt	6	7	37	32	0.4	32	32.0	8214	18334	1	0	0.0	30.0	0.2
data7-6-37-02035.txt	6	7	37	37	7.7	37	37.0	8214	18481	715	12	0.0	32.1	0.7
data7-6-37-02036.txt	6	7	37	36	9.4	36	36.0	8214	18385	1691	50	0.0	32.1	0.3
data7-6-37-02037.txt	6	7	37	34	1.5	34	34.0	8214	18479	1	12	0.0	32.0	0.6
data7-6-37-02038.txt	6	7	37	37	0.5	37	37.0	8214	18344	0	0	0.0	37.0	0.4
data7-6-37-02039.txt	6	7	37	21	0.4	21	21.0	8214	18221	0	0	0.0	20.5	0.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-37-02040.txt	6	7	37	38	1.1	38	38.0	8214	18396	1	1	0.0	36.4	0.6
data7-6-37-02041.txt	6	7	37	37	2.6	37	37.0	8214	18434	356	64	0.0	32.0	0.4
data7-6-37-02042.txt	6	7	37	37	21.2	37	37.0	8214	18320	1128	34	0.0	31.0	0.6
data7-6-37-02043.txt	6	7	37	31	0.5	31	31.0	8214	18275	0	0	0.0	29.5	0.2
data7-6-37-02044.txt	6	7	37	33	17.7	34	33.0	8214	18362	1131	151	0.0	28.4	0.5
data7-6-37-02045.txt	6	7	37	38	2.2	38	38.0	8214	18387	120	11	0.0	35.0	0.3
data7-6-37-02046.txt	6	7	37	33	0.7	33	33.0	8214	18408	1	0	0.0	30.5	0.3
data7-6-37-02047.txt	6	7	37	41	11.5	41	41.0	8214	18505	928	69	0.0	36.6	0.6
data7-6-37-02048.txt	6	7	37	33	1.5	33	33.0	8214	18289	1	5	0.0	30.7	0.4
data7-6-37-02049.txt	6	7	37	32	0.5	32	32.0	8214	18273	1	2	0.0	30.5	0.3
data7-6-37-02050.txt	6	7	37	33	1.7	33	33.0	8214	18362	98	61	0.0	31.5	0.4
data7-6-37-02051.txt	6	7	37	36	1.5	36	36.0	8214	18335	26	57	0.0	34.5	0.5
data7-6-37-02052.txt	6	7	37	38	20.4	38	38.0	8214	18414	1870	69	0.0	34.0	0.4
data7-6-37-02053.txt	6	7	37	33	0.8	33	33.0	8214	18358	1	15	0.0	32.0	0.4
data7-6-37-02054.txt	6	7	37	26	0.4	26	26.0	8214	18269	0	0	0.0	25.0	0.3
data7-6-37-02055.txt	6	7	37	36	3.4	36	36.0	8214	18383	62	13	0.0	32.3	0.4
data7-6-37-02056.txt	6	7	37	39	0.9	39	39.0	8214	18472	1	2	0.0	36.8	0.5
data7-6-37-02057.txt	6	7	37	32	1.6	33	32.0	8214	18353	1	8	0.0	30.5	0.5
data7-6-37-02058.txt	6	7	37	28	0.6	28	28.0	8214	18242	0	0	0.0	28.0	0.4
data7-6-37-02059.txt	6	7	37	31	1.8	31	31.0	8214	18321	7	4	0.0	28.0	0.4
data7-6-37-02060.txt	6	7	37	36	0.9	36	36.0	8214	18360	1	12	0.0	32.5	0.4
data7-6-37-02061.txt	6	7	37	40	20.9	40	40.0	8214	18509	1260	152	0.0	34.5	0.6
data7-6-37-02062.txt	6	7	37	41	11.5	41	41.0	8214	18392	1632	36	0.0	38.0	0.3
data7-6-37-02063.txt	6	7	37	38	1.5	38	38.0	8214	18438	8	40	0.0	36.0	0.6
data7-6-37-02064.txt	6	7	37	40	6.9	40	40.0	8214	18502	161	49	0.0	37.0	0.6
data7-6-37-02065.txt	6	7	37	41	64.3	41	41.0	8214	18448	3773	296	0.1	36.0	0.6
data7-6-37-02066.txt	6	7	37	35	1.7	35	35.0	8214	18337	1	18	0.0	31.0	0.5
data7-6-37-02067.txt	6	7	37	37	3.0	37	37.0	8214	18255	48	15	0.0	33.1	0.3
data7-6-37-02068.txt	6	7	37	39	2.6	39	39.0	8214	18326	119	20	0.0	35.0	0.5
data7-6-37-02069.txt	6	7	37	41	1.4	41	41.0	8214	18412	40	70	0.0	39.0	0.5
data7-6-37-02070.txt	6	7	37	30	0.8	30	30.0	8214	18321	1	0	0.0	28.0	0.3
data7-6-37-02071.txt	6	7	37	30	0.4	30	30.0	8214	18332	0	0	0.0	29.5	0.3
data7-6-37-02072.txt	6	7	37	35	1.3	35	35.0	8214	18363	1	23	0.0	32.0	0.4
data7-6-37-02073.txt	6	7	37	32	0.4	32	32.0	8214	18297	0	0	0.0	32.0	0.3
data7-6-37-02074.txt	6	7	37	27	0.4	27	27.0	8214	18360	0	0	0.0	26.0	0.2
data7-6-37-02075.txt	6	7	37	31	0.9	31	31.0	8214	18279	1	18	0.0	29.5	0.6
data7-6-37-02076.txt	6	7	37	25	0.4	25	25.0	8214	18306	0	2	0.0	24.0	0.2
data7-6-37-02077.txt	6	7	37	29	0.3	29	29.0	8214	18251	0	0	0.0	28.5	0.3
data7-6-37-02078.txt	6	7	37	31	1.2	31	31.0	8214	18470	1	29	0.0	29.0	0.4
data7-6-37-02079.txt	6	7	37	45	85.6	45	45.0	8214	18364	5080	273	0.0	40.5	0.7
data7-6-37-02080.txt	6	7	37	32	1.0	32	32.0	8214	18322	1	0	0.0	30.0	0.5
data7-6-37-02081.txt	6	7	37	32	1.0	32	32.0	8214	18369	1	19	0.0	30.5	0.3
data7-6-37-02082.txt	6	7	37	31	0.8	31	31.0	8214	18304	0	0	0.0	31.0	0.3
data7-6-37-02083.txt	6	7	37	37	1.1	37	37.0	8214	18280	0	0	0.0	37.0	0.5
data7-6-37-02084.txt	6	7	37	34	1.3	34	34.0	8214	18180	1	9	0.0	31.0	0.5
data7-6-37-02085.txt	6	7	37	35	1.2	35	35.0	8214	18333	1	0	0.0	32.6	0.3
data7-6-37-02086.txt	6	7	37	35	10.5	36	35.0	8214	18523	1331	157	0.0	30.3	0.7
data7-6-37-02087.txt	6	7	37	31	1.1	31	31.0	8214	18208	1	24	0.0	30.0	0.4
data7-6-37-02088.txt	6	7	37	40	11.0	40	40.0	8214	18362	1797	115	0.0	37.5	0.5
data7-6-37-02089.txt	6	7	37	33	14.8	33	33.0	8214	18354	1224	119	0.0	27.4	0.4
data7-6-37-02090.txt	6	7	37	25	0.4	25	25.0	8214	18388	0	0	0.0	24.0	0.2
data7-6-37-02091.txt	6	7	37	36	5.4	36	36.0	8214	18322	1446	42	0.0	29.5	0.4
data7-6-37-02092.txt	6	7	37	35	0.6	35	35.0	8214	18338	0	0	0.0	34.0	0.4
data7-6-37-02093.txt	6	7	37	31	0.5	31	31.0	8214	18273	1	3	0.0	29.0	0.2
data7-6-37-02094.txt	6	7	37	39	2.9	39	39.0	8214	18400	556	17	0.0	35.7	0.3
data7-6-37-02095.txt	6	7	37	36	3.4	36	36.0	8214	18375	375	0	0.0	33.0	0.4
data7-6-37-02096.txt	6	7	37	36	2.0	36	36.0	8214	18590	1	9	0.0	34.0	0.5
data7-6-37-02097.txt	6	7	37	34	2.1	34	34.0	8214	18372	297	89	0.0	30.0	0.5
data7-6-37-02098.txt	6	7	37	37	2.3	37	37.0	8214	18418	79	14	0.0	32.0	0.4
data7-6-37-02099.txt	6	7	37	41	7.8	41	41.0	8214	18548	766	118	0.0	38.0	0.7
data7-6-37-02100.txt	6	7	37	34	2.2	34	34.0	8214	18338	256	55	0.0	31.5	0.5
data7-6-38-02101.txt	6	7	38	40	0.7	40	40.0	8664	19486	0	0	0.0	38.5	0.4
data7-6-38-02102.txt	6	7	38	32	1.7	32	32.0	8664	19489	75	19	0.0	29.7	0.3
data7-6-38-02103.txt	6	7	38	30	1.3	30	30.0	8664	19387	1	0	0.0	27.0	0.4
data7-6-38-02104.txt	6	7	38	47	6.6	47	47.0	8664	19365	677	19	0.0	42.4	0.4
data7-6-38-02105.txt	6	7	38	35	0.7	35	35.0	8664	19415	0	0	0.0	34.0	0.4
data7-6-38-02106.txt	6	7	38	37	1.7	37	37.0	8664	19323	140	53	0.0	34.2	0.4
data7-6-38-02107.txt	6	7	38	29	0.4	29	29.0	8664	19345	0	3	0.0	28.0	0.3
data7-6-38-02108.txt	6	7	38	37	0.5	37	37.0	8664	19328	0	0	0.0	37.0	0.4
data7-6-38-02109.txt	6	7	38	43	15.6	43	43.0	8664	19367	2098	17	0.0	36.0	0.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-38-02110.txt	6	7	38	40	6.7	40	40.0	8664	19670	242	38	0.0	35.8	0.8
data7-6-38-02111.txt	6	7	38	42	2.4	42	42.0	8664	19403	1	13	0.0	39.2	0.7
data7-6-38-02112.txt	6	7	38	34	0.6	34	34.0	8664	19240	0	3	0.0	33.0	0.3
data7-6-38-02113.txt	6	7	38	42	61.1	42	42.0	8664	19420	3948	112	0.0	37.1	0.7
data7-6-38-02114.txt	6	7	38	32	0.5	32	32.0	8664	19242	0	5	0.0	31.0	0.3
data7-6-38-02115.txt	6	7	38	38	1.9	38	38.0	8664	19386	1	38	0.0	34.5	0.4
data7-6-38-02116.txt	6	7	38	43	1.0	43	43.0	8664	19449	1	17	0.0	41.0	0.5
data7-6-38-02117.txt	6	7	38	33	1.8	33	33.0	8664	19318	1	2	0.0	30.2	0.4
data7-6-38-02118.txt	6	7	38	32	0.9	32	32.0	8664	19527	0	0	0.0	31.0	0.4
data7-6-38-02119.txt	6	7	38	43	21.0	43	43.0	8664	19591	954	118	0.0	41.0	0.6
data7-6-38-02120.txt	6	7	38	36	11.2	36	36.0	8664	19470	1175	49	0.0	32.0	0.5
data7-6-38-02121.txt	6	7	38	35	1.8	35	35.0	8664	19335	25	0	0.0	32.7	0.4
data7-6-38-02122.txt	6	7	38	38	54.4	38	38.0	8664	19240	2014	126	0.0	33.5	0.7
data7-6-38-02123.txt	6	7	38	45	34.1	45	45.0	8664	19370	2803	274	0.1	41.0	0.7
data7-6-38-02124.txt	6	7	38	37	1.5	37	37.0	8664	19410	1	0	0.0	34.8	0.4
data7-6-38-02125.txt	6	7	38	37	5.5	37	37.0	8664	19514	663	41	0.0	32.8	0.5
data7-6-38-02126.txt	6	7	38	40	14.8	40	40.0	8664	19460	1379	52	0.0	35.5	0.7
data7-6-38-02127.txt	6	7	38	37	0.5	37	37.0	8664	19386	0	0	0.0	36.5	0.4
data7-6-38-02128.txt	6	7	38	32	3.3	32	32.0	8664	19454	1025	85	0.0	27.0	0.2
data7-6-38-02129.txt	6	7	38	38	1.1	38	38.0	8664	19257	1	30	0.0	36.5	0.3
data7-6-38-02130.txt	6	7	38	33	0.6	33	33.0	8664	19317	1	6	0.0	31.0	0.3
data7-6-38-02131.txt	6	7	38	39	24.0	39	39.0	8664	19447	3220	142	0.0	35.0	0.6
data7-6-38-02132.txt	6	7	38	42	4.2	42	42.0	8664	19333	59	22	0.0	38.4	0.5
data7-6-38-02133.txt	6	7	38	35	1.2	35	35.0	8664	19366	1	10	0.0	33.0	0.3
data7-6-38-02134.txt	6	7	38	37	1.1	37	37.0	8664	19240	1	0	0.0	34.0	0.4
data7-6-38-02135.txt	6	7	38	27	0.5	27	27.0	8664	19281	0	0	0.0	27.0	0.3
data7-6-38-02136.txt	6	7	38	26	0.4	26	26.0	8664	19147	0	1	0.0	25.0	0.3
data7-6-38-02137.txt	6	7	38	38	1.5	38	38.0	8664	19529	1	18	0.0	34.0	0.5
data7-6-38-02138.txt	6	7	38	44	80.7	44	44.0	8664	19515	2779	142	0.0	37.3	0.7
data7-6-38-02139.txt	6	7	38	34	0.7	34	34.0	8664	19198	1	8	0.0	32.0	0.3
data7-6-38-02140.txt	6	7	38	36	76.7	36	36.0	8664	19402	6192	268	0.0	32.5	0.7
data7-6-38-02141.txt	6	7	38	31	1.3	31	31.0	8664	19266	158	56	0.0	28.5	0.4
data7-6-38-02142.txt	6	7	38	37	41.4	38	37.0	8664	19483	4702	324	0.0	32.0	0.6
data7-6-38-02143.txt	6	7	38	29	0.3	29	29.0	8664	19168	0	0	0.0	27.3	0.2
data7-6-38-02144.txt	6	7	38	33	0.9	33	33.0	8664	19167	1	0	0.0	31.4	0.4
data7-6-38-02145.txt	6	7	38	45	0.6	45	45.0	8664	19477	0	0	0.0	44.5	0.4
data7-6-38-02146.txt	6	7	38	28	0.8	28	28.0	8664	19318	1	13	0.0	26.0	0.3
data7-6-38-02147.txt	6	7	38	36	1.1	36	36.0	8664	19333	1	36	0.0	34.0	0.4
data7-6-38-02148.txt	6	7	38	38	36.5	38	38.0	8664	19483	1548	133	0.0	32.9	0.5
data7-6-38-02149.txt	6	7	38	28	0.7	28	28.0	8664	19296	0	0	0.0	26.8	0.3
data7-6-38-02150.txt	6	7	38	42	9.5	42	42.0	8664	19456	367	57	0.0	38.5	0.6
data7-6-38-02151.txt	6	7	38	34	0.3	34	34.0	8664	19266	0	0	0.0	34.0	0.2
data7-6-38-02152.txt	6	7	38	38	6.0	38	38.0	8664	19491	846	39	0.0	34.3	0.4
data7-6-38-02153.txt	6	7	38	46	282.5	46	46.0	8664	19342	19112	419	0.1	41.3	0.8
data7-6-38-02154.txt	6	7	38	38	2.6	38	38.0	8664	19352	1	0	0.0	35.5	0.6
data7-6-38-02155.txt	6	7	38	39	2.1	39	39.0	8664	19412	1	19	0.0	37.2	0.6
data7-6-38-02156.txt	6	7	38	43	0.8	43	43.0	8664	19375	1	32	0.0	36.0	0.3
data7-6-38-02157.txt	6	7	38	29	0.3	29	29.0	8664	19189	0	0	0.0	28.5	0.2
data7-6-38-02158.txt	6	7	38	29	0.5	29	29.0	8664	19386	0	0	0.0	27.5	0.3
data7-6-38-02159.txt	6	7	38	34	0.5	34	34.0	8664	19306	0	0	0.0	32.5	0.3
data7-6-38-02160.txt	6	7	38	30	0.3	30	30.0	8664	19254	0	2	0.0	29.0	0.2
data7-6-38-02161.txt	6	7	38	36	0.6	36	36.0	8664	19338	1	9	0.0	35.0	0.3
data7-6-38-02162.txt	6	7	38	28	0.5	28	28.0	8664	19324	0	0	0.0	27.0	0.3
data7-6-38-02163.txt	6	7	38	34	7.1	34	34.0	8664	19365	566	42	0.0	29.0	0.6
data7-6-38-02164.txt	6	7	38	34	0.8	34	34.0	8664	19357	0	7	0.0	33.0	0.4
data7-6-38-02165.txt	6	7	38	32	0.5	32	32.0	8664	19366	0	8	0.0	31.0	0.3
data7-6-38-02166.txt	6	7	38	42	4.1	42	42.0	8664	19466	1365	249	0.0	40.0	0.9
data7-6-38-02167.txt	6	7	38	33	0.8	33	33.0	8664	19431	1	14	0.0	32.0	0.4
data7-6-38-02168.txt	6	7	38	31	0.3	31	31.0	8664	19215	0	0	0.0	31.0	0.2
data7-6-38-02169.txt	6	7	38	25	0.3	25	25.0	8664	19226	0	0	0.0	24.5	0.2
data7-6-38-02170.txt	6	7	38	33	0.9	33	33.0	8664	19222	18	44	0.0	30.9	0.5
data7-6-38-02171.txt	6	7	38	29	0.6	29	29.0	8664	19179	1	10	0.0	26.0	0.2
data7-6-38-02172.txt	6	7	38	35	0.6	35	35.0	8664	19296	0	0	0.0	34.0	0.4
data7-6-38-02173.txt	6	7	38	38	4.1	38	38.0	8664	19385	485	55	0.0	34.5	0.5
data7-6-38-02174.txt	6	7	38	26	0.3	26	26.0	8664	19189	0	0	0.0	25.3	0.2
data7-6-38-02175.txt	6	7	38	33	0.5	33	33.0	8664	19383	0	0	0.0	32.5	0.4
data7-6-38-02176.txt	6	7	38	40	4.3	40	40.0	8664	19385	537	65	0.0	35.0	0.5
data7-6-38-02177.txt	6	7	38	31	0.6	31	31.0	8664	19414	0	0	0.0	30.2	0.4
data7-6-38-02178.txt	6	7	38	32	1.0	32	32.0	8664	19320	23	26	0.0	30.0	0.4
data7-6-38-02179.txt	6	7	38	42	39.7	42	42.0	8664	19381	2635	12	0.0	37.6	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-38-02180.txt	6	7	38	40	46.1	40	40.0	8664	19566	2219	232	0.0	36.0	0.7
data7-6-38-02181.txt	6	7	38	31	0.8	31	31.0	8664	19281	1	0	0.0	29.0	0.4
data7-6-38-02182.txt	6	7	38	49	429.4	49	49.0	8664	19351	25097	337	0.0	44.0	0.8
data7-6-38-02183.txt	6	7	38	41	2.4	41	41.0	8664	19389	103	27	0.0	38.0	0.5
data7-6-38-02184.txt	6	7	38	40	9.0	40	40.0	8664	19400	576	80	0.0	36.0	0.5
data7-6-38-02185.txt	6	7	38	41	4.5	41	41.0	8664	19357	466	85	0.0	35.5	0.4
data7-6-38-02186.txt	6	7	38	31	0.5	31	31.0	8664	19224	0	0	0.0	31.0	0.4
data7-6-38-02187.txt	6	7	38	34	1.0	34	34.0	8664	19399	0	0	0.0	32.5	0.5
data7-6-38-02188.txt	6	7	38	33	1.5	33	33.0	8664	19341	22	56	0.0	31.5	0.6
data7-6-38-02189.txt	6	7	38	45	58.5	46	45.0	8664	19275	1453	136	0.0	42.5	0.6
data7-6-38-02190.txt	6	7	38	36	0.4	36	36.0	8664	19385	0	0	0.0	35.5	0.3
data7-6-38-02191.txt	6	7	38	30	0.4	30	30.0	8664	19209	0	0	0.0	29.5	0.2
data7-6-38-02192.txt	6	7	38	33	1.0	33	33.0	8664	19368	1	3	0.0	31.2	0.4
data7-6-38-02193.txt	6	7	38	29	0.8	29	29.0	8664	19344	1	4	0.0	27.0	0.5
data7-6-38-02194.txt	6	7	38	34	8.2	34	34.0	8664	19333	971	54	0.0	29.5	0.4
data7-6-38-02195.txt	6	7	38	48	16.9	48	48.0	8664	19382	1974	38	0.0	43.5	0.7
data7-6-38-02196.txt	6	7	38	41	11.6	41	41.0	8664	19413	1723	81	0.0	35.3	0.5
data7-6-38-02197.txt	6	7	38	41	0.9	41	41.0	8664	19216	1	0	0.0	39.0	0.5
data7-6-38-02198.txt	6	7	38	34	1.1	34	34.0	8664	19395	1	10	0.0	32.5	0.5
data7-6-38-02199.txt	6	7	38	32	1.7	32	32.0	8664	19270	1	5	0.0	29.5	0.3
data7-6-38-02200.txt	6	7	38	28	0.7	28	28.0	8664	19327	0	0	0.0	26.5	0.4
data7-6-39-02201.txt	6	7	39	40	1.1	40	40.0	9126	20516	1	17	0.0	37.6	0.6
data7-6-39-02202.txt	6	7	39	40	2.1	40	40.0	9126	20459	1	13	0.0	36.5	0.4
data7-6-39-02203.txt	6	7	39	33	3.6	33	33.0	9126	20227	534	46	0.0	28.9	0.4
data7-6-39-02204.txt	6	7	39	38	1.6	38	38.0	9126	20456	1	11	0.0	35.8	0.3
data7-6-39-02205.txt	6	7	39	36	2.1	37	36.0	9126	20395	229	88	0.0	34.5	0.8
data7-6-39-02206.txt	6	7	39	38	1.0	38	38.0	9126	20492	1	8	0.0	36.0	0.7
data7-6-39-02207.txt	6	7	39	37	4.9	37	37.0	9126	20321	551	33	0.0	33.0	0.4
data7-6-39-02208.txt	6	7	39	30	0.5	30	30.0	9126	20305	0	0	0.0	29.0	0.3
data7-6-39-02209.txt	6	7	39	31	0.3	31	31.0	9126	20463	0	0	0.0	31.0	0.3
data7-6-39-02210.txt	6	7	39	48	42.2	48	48.0	9126	20467	2346	92	0.0	42.5	0.5
data7-6-39-02211.txt	6	7	39	28	0.7	28	28.0	9126	20220	15	18	0.0	26.0	0.3
data7-6-39-02212.txt	6	7	39	34	1.6	34	34.0	9126	20485	1	11	0.0	31.7	0.5
data7-6-39-02213.txt	6	7	39	38	1.0	38	38.0	9126	20282	1	29	0.0	36.0	0.4
data7-6-39-02214.txt	6	7	39	40	2.5	40	40.0	9126	20254	1	4	0.0	36.5	0.5
data7-6-39-02215.txt	6	7	39	24	0.3	24	24.0	9126	20217	0	0	0.0	24.0	0.2
data7-6-39-02216.txt	6	7	39	32	0.5	32	32.0	9126	20300	0	0	0.0	31.5	0.3
data7-6-39-02217.txt	6	7	39	34	0.5	34	34.0	9126	20397	0	4	0.0	33.0	0.3
data7-6-39-02218.txt	6	7	39	35	1.3	35	35.0	9126	20546	14	19	0.0	32.0	0.4
data7-6-39-02219.txt	6	7	39	38	18.4	38	38.0	9126	20449	1600	158	0.0	34.5	0.7
data7-6-39-02220.txt	6	7	39	37	1.1	37	37.0	9126	20410	1	0	0.0	35.2	0.6
data7-6-39-02221.txt	6	7	39	47	23.0	47	47.0	9126	20561	2791	140	0.0	44.5	0.7
data7-6-39-02222.txt	6	7	39	31	1.1	31	31.0	9126	20316	1	0	0.0	29.0	0.3
data7-6-39-02223.txt	6	7	39	42	6.5	42	42.0	9126	20432	929	139	0.0	39.0	0.3
data7-6-39-02224.txt	6	7	39	41	3.4	41	41.0	9126	20348	1	20	0.0	39.0	0.6
data7-6-39-02225.txt	6	7	39	32	1.4	32	32.0	9126	20368	1	11	0.0	30.0	0.4
data7-6-39-02226.txt	6	7	39	34	8.3	34	34.0	9126	20297	1494	135	0.0	31.0	0.5
data7-6-39-02227.txt	6	7	39	41	1.7	41	41.0	9126	20497	1	24	0.0	36.5	0.4
data7-6-39-02228.txt	6	7	39	38	1.4	38	38.0	9126	20383	1	36	0.0	36.0	0.7
data7-6-39-02229.txt	6	7	39	25	0.3	25	25.0	9126	20232	0	0	0.0	25.0	0.2
data7-6-39-02230.txt	6	7	39	35	0.7	35	35.0	9126	20370	1	1	0.0	33.7	0.5
data7-6-39-02231.txt	6	7	39	26	0.6	26	26.0	9126	20278	1	0	0.0	23.7	0.3
data7-6-39-02232.txt	6	7	39	35	1.7	35	35.0	9126	20501	1	4	0.0	32.0	0.3
data7-6-39-02233.txt	6	7	39	34	2.1	34	34.0	9126	20472	111	38	0.0	32.0	0.5
data7-6-39-02234.txt	6	7	39	39	3.4	39	39.0	9126	20378	112	31	0.0	36.5	0.5
data7-6-39-02235.txt	6	7	39	39	0.7	39	39.0	9126	20311	0	0	0.0	38.0	0.4
data7-6-39-02236.txt	6	7	39	34	0.6	34	34.0	9126	20255	1	12	0.0	33.0	0.4
data7-6-39-02237.txt	6	7	39	34	20.3	34	34.0	9126	20425	2042	112	0.0	30.0	0.7
data7-6-39-02238.txt	6	7	39	28	0.5	28	28.0	9126	20216	1	0	0.0	26.0	0.3
data7-6-39-02239.txt	6	7	39	41	1.3	41	41.0	9126	20506	0	0	0.0	40.0	0.9
data7-6-39-02240.txt	6	7	39	40	39.8	40	40.0	9126	20600	2433	62	0.0	36.2	0.7
data7-6-39-02241.txt	6	7	39	39	5.4	39	39.0	9126	20677	2848	34	0.0	36.3	0.7
data7-6-39-02242.txt	6	7	39	34	1.1	34	34.0	9126	20484	0	0	0.0	32.5	0.7
data7-6-39-02243.txt	6	7	39	37	11.2	37	37.0	9126	20435	1222	89	0.0	35.0	0.4
data7-6-39-02244.txt	6	7	39	38	3.3	38	38.0	9126	20562	367	65	0.0	35.0	0.4
data7-6-39-02245.txt	6	7	39	43	2.1	43	43.0	9126	20430	1	17	0.0	40.0	0.5
data7-6-39-02246.txt	6	7	39	29	1.2	29	29.0	9126	20369	1	0	0.0	27.0	0.5
data7-6-39-02247.txt	6	7	39	40	4.1	40	40.0	9126	20451	927	57	0.0	36.0	0.3
data7-6-39-02248.txt	6	7	39	30	0.8	30	30.0	9126	20425	1	23	0.0	28.0	0.5
data7-6-39-02249.txt	6	7	39	41	85.8	41	41.0	9126	20598	4712	169	0.0	35.5	0.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-39-02250.txt	6	7	39	46	5.7	46	46.0	9126	20455	407	83	0.0	43.0	0.6
data7-6-39-02251.txt	6	7	39	35	1.0	35	35.0	9126	20402	1	10	0.0	32.2	0.5
data7-6-39-02252.txt	6	7	39	37	15.8	37	37.0	9126	20513	1770	56	0.0	31.0	0.5
data7-6-39-02253.txt	6	7	39	44	1.4	44	44.0	9126	20452	9	42	0.0	43.0	0.6
data7-6-39-02254.txt	6	7	39	33	3.3	33	33.0	9126	20258	58	12	0.0	29.5	0.5
data7-6-39-02255.txt	6	7	39	35	2.0	35	35.0	9126	20556	235	63	0.0	31.9	0.5
data7-6-39-02256.txt	6	7	39	30	0.4	30	30.0	9126	20175	0	0	0.0	28.5	0.2
data7-6-39-02257.txt	6	7	39	29	1.0	29	29.0	9126	20198	3	13	0.0	25.8	0.3
data7-6-39-02258.txt	6	7	39	45	1.3	45	45.0	9126	20367	1	0	0.0	42.5	0.5
data7-6-39-02259.txt	6	7	39	39	0.6	39	39.0	9126	20350	0	1	0.0	38.0	0.4
data7-6-39-02260.txt	6	7	39	40	0.6	40	40.0	9126	20393	1	11	0.0	37.0	0.3
data7-6-39-02261.txt	6	7	39	38	20.7	38	38.0	9126	20329	2192	84	0.0	32.5	0.6
data7-6-39-02262.txt	6	7	39	43	1.4	43	43.0	9126	20345	1	46	0.0	41.0	0.5
data7-6-39-02263.txt	6	7	39	42	390.5	42	42.0	9126	20532	111939	228	0.0	38.0	0.8
data7-6-39-02264.txt	6	7	39	38	1.8	38	38.0	9126	20475	1	4	0.0	36.2	0.4
data7-6-39-02265.txt	6	7	39	42	2.0	42	42.0	9126	20469	1	3	0.0	40.0	0.6
data7-6-39-02266.txt	6	7	39	44	62.9	44	44.0	9126	20436	2395	287	0.0	37.5	0.7
data7-6-39-02267.txt	6	7	39	33	0.5	33	33.0	9126	20277	0	0	0.0	32.5	0.3
data7-6-39-02268.txt	6	7	39	44	83.8	44	44.0	9126	20551	4205	209	0.0	37.4	0.6
data7-6-39-02269.txt	6	7	39	40	22.6	40	40.0	9126	20427	2187	33	0.0	36.5	0.7
data7-6-39-02270.txt	6	7	39	39	55.5	39	39.0	9126	20340	2940	92	0.0	36.0	0.7
data7-6-39-02271.txt	6	7	39	38	1.1	38	38.0	9126	20372	0	0	0.0	37.0	0.5
data7-6-39-02272.txt	6	7	39	43	1.9	43	43.0	9126	20339	1	40	0.0	40.0	0.4
data7-6-39-02273.txt	6	7	39	26	0.8	26	26.0	9126	20113	1	0	0.0	24.5	0.3
data7-6-39-02274.txt	6	7	39	39	0.7	39	39.0	9126	20328	0	0	0.0	38.5	0.3
data7-6-39-02275.txt	6	7	39	31	1.0	31	31.0	9126	20251	1	10	0.0	29.5	0.3
data7-6-39-02276.txt	6	7	39	37	9.6	37	37.0	9126	20404	1184	40	0.0	33.8	0.5
data7-6-39-02277.txt	6	7	39	45	17.5	45	45.0	9126	20578	912	154	0.0	37.0	0.6
data7-6-39-02278.txt	6	7	39	40	7.9	40	40.0	9126	20554	969	55	0.0	37.0	0.5
data7-6-39-02279.txt	6	7	39	37	1.1	37	37.0	9126	20358	1	3	0.0	35.0	0.4
data7-6-39-02280.txt	6	7	39	47	15.1	47	47.0	9126	20422	1109	44	0.0	42.0	0.5
data7-6-39-02281.txt	6	7	39	44	0.8	44	44.0	9126	20355	0	0	0.0	44.0	0.6
data7-6-39-02282.txt	6	7	39	43	84.4	44	43.0	9126	20386	2952	152	0.0	38.5	0.9
data7-6-39-02283.txt	6	7	39	37	2.4	37	37.0	9126	20257	118	17	0.0	34.3	0.5
data7-6-39-02284.txt	6	7	39	37	17.3	37	37.0	9126	20426	2979	113	0.0	31.5	0.5
data7-6-39-02285.txt	6	7	39	29	2.2	29	29.0	9126	20391	1	1	0.0	26.0	0.5
data7-6-39-02286.txt	6	7	39	39	1.5	39	39.0	9126	20246	1	19	0.0	36.7	0.3
data7-6-39-02287.txt	6	7	39	34	0.5	34	34.0	9126	20418	0	0	0.0	33.7	0.3
data7-6-39-02288.txt	6	7	39	30	0.5	30	30.0	9126	20286	0	0	0.0	29.0	0.3
data7-6-39-02289.txt	6	7	39	41	33.2	41	41.0	9126	20371	1654	13	0.0	36.4	0.6
data7-6-39-02290.txt	6	7	39	32	0.5	32	32.0	9126	20369	0	4	0.0	31.0	0.3
data7-6-39-02291.txt	6	7	39	36	35.0	36	36.0	9126	20311	1367	46	0.0	32.0	0.7
data7-6-39-02292.txt	6	7	39	32	0.5	32	32.0	9126	20496	0	7	0.0	31.0	0.3
data7-6-39-02293.txt	6	7	39	40	2.4	40	40.0	9126	20281	46	17	0.0	38.0	0.5
data7-6-39-02294.txt	6	7	39	29	0.4	29	29.0	9126	20239	0	4	0.0	27.0	0.3
data7-6-39-02295.txt	6	7	39	41	6.4	41	41.0	9126	20485	481	28	0.0	34.8	0.4
data7-6-39-02296.txt	6	7	39	34	0.4	34	34.0	9126	20269	0	0	0.0	34.0	0.3
data7-6-39-02297.txt	6	7	39	37	17.1	37	37.0	9126	20364	3893	46	0.0	34.5	0.6
data7-6-39-02298.txt	6	7	39	35	0.5	35	35.0	9126	20463	0	3	0.0	34.0	0.3
data7-6-39-02299.txt	6	7	39	38	1.7	38	38.0	9126	20638	1	10	0.0	35.6	0.5
data7-6-39-02300.txt	6	7	39	33	0.8	33	33.0	9126	20305	1	6	0.0	31.0	0.3
data7-6-40-02301.txt	6	7	40	46	3.3	46	46.0	9600	21392	235	9	0.0	43.1	0.5
data7-6-40-02302.txt	6	7	40	44	6.6	44	44.0	9600	21588	556	27	0.0	39.5	0.5
data7-6-40-02303.txt	6	7	40	50	27.8	50	50.0	9600	21492	963	152	0.0	42.4	0.6
data7-6-40-02304.txt	6	7	40	36	0.8	36	36.0	9600	21489	0	0	0.0	35.0	0.5
data7-6-40-02305.txt	6	7	40	36	2.0	36	36.0	9600	21439	5	6	0.0	31.5	0.3
data7-6-40-02306.txt	6	7	40	30	0.4	30	30.0	9600	21325	0	2	0.0	28.0	0.3
data7-6-40-02307.txt	6	7	40	37	0.8	37	37.0	9600	21271	1	0	0.0	35.0	0.4
data7-6-40-02308.txt	6	7	40	49	28.2	49	49.0	9600	21529	3541	82	0.0	44.0	0.6
data7-6-40-02309.txt	6	7	40	33	1.1	33	33.0	9600	21410	1	22	0.0	30.0	0.3
data7-6-40-02310.txt	6	7	40	48	5.6	48	48.0	9600	21566	602	106	0.0	42.0	0.5
data7-6-40-02311.txt	6	7	40	49	14.4	49	49.0	9600	21348	1533	36	0.0	44.0	0.6
data7-6-40-02312.txt	6	7	40	44	6.8	44	44.0	9600	21731	2330	91	0.0	40.0	0.5
data7-6-40-02313.txt	6	7	40	43	1.1	43	43.0	9600	21495	1	14	0.0	41.3	0.4
data7-6-40-02314.txt	6	7	40	32	0.3	32	32.0	9600	21318	0	0	0.0	32.0	0.2
data7-6-40-02315.txt	6	7	40	39	4.4	39	39.0	9600	21559	885	102	0.0	33.2	0.4
data7-6-40-02316.txt	6	7	40	36	0.6	36	36.0	9600	21375	0	0	0.0	35.0	0.4
data7-6-40-02317.txt	6	7	40	35	0.5	35	35.0	9600	21415	0	0	0.0	35.0	0.4
data7-6-40-02318.txt	6	7	40	24	0.3	24	24.0	9600	21244	0	0	0.0	24.0	0.2
data7-6-40-02319.txt	6	7	40	35	0.4	35	35.0	9600	21495	0	0	0.0	35.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-40-02320.txt	6	7	40	38	0.6	38	38.0	9600	21523	0	3	0.0	37.0	0.4
data7-6-40-02321.txt	6	7	40	39	0.7	39	39.0	9600	21581	1	7	0.0	38.0	0.4
data7-6-40-02322.txt	6	7	40	46	5.4	46	46.0	9600	21467	178	41	0.0	42.0	0.8
data7-6-40-02323.txt	6	7	40	40	0.5	40	40.0	9600	21429	0	3	0.0	38.0	0.3
data7-6-40-02324.txt	6	7	40	43	7.9	43	43.0	9600	21528	1349	50	0.0	37.0	0.4
data7-6-40-02325.txt	6	7	40	45	50.5	45	45.0	9600	21483	2788	331	0.0	42.0	0.5
data7-6-40-02326.txt	6	7	40	41	1.4	41	41.0	9600	21535	1	36	0.0	39.0	0.4
data7-6-40-02327.txt	6	7	40	38	0.5	38	38.0	9600	21451	0	0	0.0	38.0	0.4
data7-6-40-02328.txt	6	7	40	37	0.8	37	37.0	9600	21441	1	20	0.0	35.0	0.3
data7-6-40-02329.txt	6	7	40	33	4.5	33	33.0	9600	21462	625	49	0.0	30.5	0.4
data7-6-40-02330.txt	6	7	40	34	0.4	34	34.0	9600	21308	1	9	0.0	33.0	0.3
data7-6-40-02331.txt	6	7	40	33	0.4	33	33.0	9600	21417	0	0	0.0	33.0	0.3
data7-6-40-02332.txt	6	7	40	43	1.3	43	43.0	9600	21592	12	46	0.0	41.3	0.5
data7-6-40-02333.txt	6	7	40	38	13.3	38	38.0	9600	21612	2248	69	0.0	33.0	0.4
data7-6-40-02334.txt	6	7	40	41	3.1	41	41.0	9600	21391	1302	23	0.0	36.8	0.4
data7-6-40-02335.txt	6	7	40	43	28.5	43	43.0	9600	21393	1953	110	0.0	38.3	0.4
data7-6-40-02336.txt	6	7	40	43	3.1	43	43.0	9600	21419	588	57	0.0	41.0	0.4
data7-6-40-02337.txt	6	7	40	35	14.5	35	35.0	9600	21409	2147	83	0.0	29.9	0.5
data7-6-40-02338.txt	6	7	40	39	0.7	39	39.0	9600	21280	1	12	0.0	38.0	0.4
data7-6-40-02339.txt	6	7	40	45	3.7	45	45.0	9600	21471	202	54	0.0	39.8	0.6
data7-6-40-02340.txt	6	7	40	29	0.5	29	29.0	9600	21404	0	0	0.0	28.5	0.3
data7-6-40-02341.txt	6	7	40	39	7.6	39	39.0	9600	21414	1231	165	0.0	35.0	0.4
data7-6-40-02342.txt	6	7	40	42	1.5	42	42.0	9600	21578	5	34	0.0	40.5	0.7
data7-6-40-02343.txt	6	7	40	43	255.8	43	43.0	9600	21442	33371	342	0.1	39.0	0.6
data7-6-40-02344.txt	6	7	40	39	0.5	39	39.0	9600	21582	0	0	0.0	39.0	0.4
data7-6-40-02345.txt	6	7	40	37	3.4	37	37.0	9600	21508	534	15	0.0	32.8	0.4
data7-6-40-02346.txt	6	7	40	38	8.0	38	38.0	9600	21428	1339	117	0.0	32.7	0.4
data7-6-40-02347.txt	6	7	40	40	15.2	40	40.0	9600	21335	2083	148	0.0	38.0	0.5
data7-6-40-02348.txt	6	7	40	42	11.2	42	42.0	9600	21287	1712	89	0.0	39.0	0.6
data7-6-40-02349.txt	6	7	40	41	1.4	41	41.0	9600	21321	53	27	0.0	37.3	0.4
data7-6-40-02350.txt	6	7	40	34	1.2	34	34.0	9600	21245	3	9	0.0	32.0	0.3
data7-6-40-02351.txt	6	7	40	40	1.0	40	40.0	9600	21428	1	30	0.0	38.0	0.4
data7-6-40-02352.txt	6	7	40	35	1.8	35	35.0	9600	21387	62	41	0.0	32.0	0.3
data7-6-40-02353.txt	6	7	40	39	2.8	39	39.0	9600	21437	28	12	0.0	36.0	0.5
data7-6-40-02354.txt	6	7	40	46	2.3	46	46.0	9600	21610	1	23	0.0	43.0	0.4
data7-6-40-02355.txt	6	7	40	39	3.9	39	39.0	9600	21439	39	38	0.0	36.0	0.5
data7-6-40-02356.txt	6	7	40	33	0.5	33	33.0	9600	21523	0	0	0.0	33.0	0.3
data7-6-40-02357.txt	6	7	40	40	5.3	40	40.0	9600	21494	395	48	0.0	35.2	0.5
data7-6-40-02358.txt	6	7	40	40	0.7	40	40.0	9600	21335	0	0	0.0	39.0	0.5
data7-6-40-02359.txt	6	7	40	34	5.1	34	34.0	9600	21396	356	27	0.0	30.0	0.3
data7-6-40-02360.txt	6	7	40	36	10.5	36	36.0	9600	21510	930	78	0.0	33.0	0.4
data7-6-40-02361.txt	6	7	40	42	2.5	42	42.0	9600	21666	231	61	0.0	39.8	0.5
data7-6-40-02362.txt	6	7	40	35	1.6	35	35.0	9600	21315	121	32	0.0	32.5	0.4
data7-6-40-02363.txt	6	7	40	32	1.1	32	32.0	9600	21319	6	42	0.0	28.5	0.3
data7-6-40-02364.txt	6	7	40	42	1.1	42	42.0	9600	21606	155	77	0.0	40.0	0.4
data7-6-40-02365.txt	6	7	40	39	5.0	39	39.0	9600	21261	77	28	0.0	36.0	0.5
data7-6-40-02366.txt	6	7	40	40	1.6	40	40.0	9600	21587	1	26	0.0	38.0	0.5
data7-6-40-02367.txt	6	7	40	40	0.4	40	40.0	9600	21366	0	2	0.0	38.0	0.3
data7-6-40-02368.txt	6	7	40	35	0.8	35	35.0	9600	21479	1	0	0.0	33.0	0.4
data7-6-40-02369.txt	6	7	40	41	41.3	41	41.0	9600	21560	1683	83	0.0	35.0	0.6
data7-6-40-02370.txt	6	7	40	49	1.3	49	49.0	9600	21486	1	4	0.0	46.0	0.6
data7-6-40-02371.txt	6	7	40	24	0.3	24	24.0	9600	21134	0	0	0.0	22.5	0.2
data7-6-40-02372.txt	6	7	40	46	12.9	46	46.0	9600	21572	2251	85	0.0	41.2	0.4
data7-6-40-02373.txt	6	7	40	43	42.4	43	43.0	9600	21625	2546	111	0.0	38.5	0.6
data7-6-40-02374.txt	6	7	40	30	1.6	30	30.0	9600	21356	109	65	0.0	27.2	0.4
data7-6-40-02375.txt	6	7	40	31	0.6	31	31.0	9600	21327	0	0	0.0	30.5	0.4
data7-6-40-02376.txt	6	7	40	40	1.6	40	40.0	9600	21472	1	0	0.0	37.6	0.6
data7-6-40-02377.txt	6	7	40	49	45.9	49	49.0	9600	21367	2019	139	0.0	41.0	0.4
data7-6-40-02378.txt	6	7	40	34	1.9	34	34.0	9600	21451	209	62	0.0	29.0	0.4
data7-6-40-02379.txt	6	7	40	34	0.7	34	34.0	9600	21337	1	9	0.0	32.2	0.3
data7-6-40-02380.txt	6	7	40	38	3.5	38	38.0	9600	21402	104	65	0.0	35.0	0.5
data7-6-40-02381.txt	6	7	40	32	0.6	32	32.0	9600	21428	0	0	0.0	31.0	0.4
data7-6-40-02382.txt	6	7	40	38	0.7	38	38.0	9600	21418	1	47	0.0	36.0	0.3
data7-6-40-02383.txt	6	7	40	32	2.2	32	32.0	9600	21345	264	11	0.0	28.7	0.4
data7-6-40-02384.txt	6	7	40	39	0.9	39	39.0	9600	21458	1	14	0.0	37.5	0.4
data7-6-40-02385.txt	6	7	40	40	0.4	40	40.0	9600	21371	1	7	0.0	37.0	0.3
data7-6-40-02386.txt	6	7	40	42	11.3	42	42.0	9600	21544	659	94	0.0	37.0	0.7
data7-6-40-02387.txt	6	7	40	35	0.5	35	35.0	9600	21534	0	0	0.0	34.5	0.4
data7-6-40-02388.txt	6	7	40	43	10.0	43	43.0	9600	21415	1805	7	0.0	39.0	0.5
data7-6-40-02389.txt	6	7	40	31	0.4	31	31.0	9600	21474	0	7	0.0	30.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-40-02390.txt	6	7	40	26	0.3	26	26.0	9600	21289	0	0	0.0	25.2	0.2
data7-6-40-02391.txt	6	7	40	37	1.3	37	37.0	9600	21227	50	54	0.0	35.0	0.4
data7-6-40-02392.txt	6	7	40	34	0.9	34	34.0	9600	21334	1	4	0.0	32.5	0.3
data7-6-40-02393.txt	6	7	40	44	35.5	44	44.0	9600	21486	3339	175	0.0	39.3	0.5
data7-6-40-02394.txt	6	7	40	46	34.8	46	46.0	9600	21459	5194	194	0.0	41.5	0.5
data7-6-40-02395.txt	6	7	40	42	9.7	42	42.0	9600	21520	1738	105	0.0	38.0	0.3
data7-6-40-02396.txt	6	7	40	41	2.9	41	41.0	9600	21506	55	23	0.0	38.5	0.6
data7-6-40-02397.txt	6	7	40	40	1.1	40	40.0	9600	21357	20	46	0.0	36.0	0.4
data7-6-40-02398.txt	6	7	40	41	1.3	41	41.0	9600	21549	1	14	0.0	39.0	0.4
data7-6-40-02399.txt	6	7	40	39	0.5	39	39.0	9600	21483	0	0	0.0	38.5	0.4
data7-6-40-02400.txt	6	7	40	42	1.8	42	42.0	9600	21317	174	110	0.0	40.0	0.5
data7-6-41-02401.txt	6	7	41	44	4.8	44	44.0	10086	22557	184	15	0.0	39.0	0.5
data7-6-41-02402.txt	6	7	41	33	0.9	33	33.0	10086	22409	1	4	0.0	31.0	0.4
data7-6-41-02403.txt	6	7	41	43	13.9	43	43.0	10086	22563	2418	137	0.0	37.0	0.3
data7-6-41-02404.txt	6	7	41	37	0.4	37	37.0	10086	22259	0	0	0.0	37.0	0.3
data7-6-41-02405.txt	6	7	41	37	14.4	37	37.0	10086	22417	1751	57	0.0	34.5	0.5
data7-6-41-02406.txt	6	7	41	33	0.4	33	33.0	10086	22512	0	0	0.0	33.0	0.3
data7-6-41-02407.txt	6	7	41	44	2.0	44	44.0	10086	22475	6	25	0.0	41.0	0.6
data7-6-41-02408.txt	6	7	41	45	14.0	45	45.0	10086	22563	1761	71	0.0	39.5	0.5
data7-6-41-02409.txt	6	7	41	31	0.4	31	31.0	10086	22203	0	0	0.0	31.0	0.3
data7-6-41-02410.txt	6	7	41	45	10.8	45	45.0	10086	22456	2163	95	0.0	41.1	0.5
data7-6-41-02411.txt	6	7	41	32	0.6	32	32.0	10086	22413	0	3	0.0	30.5	0.3
data7-6-41-02412.txt	6	7	41	36	0.7	36	36.0	10086	22411	1	2	0.0	32.8	0.4
data7-6-41-02413.txt	6	7	41	44	0.6	44	44.0	10086	22543	1	51	0.0	41.0	0.3
data7-6-41-02414.txt	6	7	41	47	0.8	47	47.0	10086	22448	1	22	0.0	40.0	0.4
data7-6-41-02415.txt	6	7	41	31	0.5	31	31.0	10086	22408	0	0	0.0	30.0	0.3
data7-6-41-02416.txt	6	7	41	34	0.4	34	34.0	10086	22468	0	6	0.0	33.0	0.3
data7-6-41-02417.txt	6	7	41	37	12.3	37	37.0	10086	22493	2784	127	0.0	32.5	0.4
data7-6-41-02418.txt	6	7	41	31	1.0	31	31.0	10086	22426	170	53	0.0	29.5	0.4
data7-6-41-02419.txt	6	7	41	43	2.4	43	43.0	10086	22462	190	42	0.0	41.0	0.4
data7-6-41-02420.txt	6	7	41	39	14.9	39	39.0	10086	22438	1349	27	0.0	35.0	0.4
data7-6-41-02421.txt	6	7	41	42	16.4	42	42.0	10086	22506	1706	43	0.0	38.0	0.5
data7-6-41-02422.txt	6	7	41	46	188.3	46	46.0	10086	22562	7699	304	0.0	39.3	0.5
data7-6-41-02423.txt	6	7	41	40	3.0	40	40.0	10086	22637	142	80	0.0	38.0	0.6
data7-6-41-02424.txt	6	7	41	52	58.1	52	52.0	10086	22587	4502	139	0.0	46.0	0.4
data7-6-41-02425.txt	6	7	41	40	26.6	40	40.0	10086	22389	3204	51	0.0	36.3	0.6
data7-6-41-02426.txt	6	7	41	42	0.8	42	42.0	10086	22500	0	9	0.0	41.0	0.5
data7-6-41-02427.txt	6	7	41	49	12.8	49	49.0	10086	22478	516	104	0.0	45.0	0.5
data7-6-41-02428.txt	6	7	41	42	0.8	42	42.0	10086	22477	0	4	0.0	41.0	0.4
data7-6-41-02429.txt	6	7	41	41	0.6	41	41.0	10086	22486	1	11	0.0	40.0	0.3
data7-6-41-02430.txt	6	7	41	37	1.2	37	37.0	10086	22400	124	15	0.0	34.0	0.4
data7-6-41-02431.txt	6	7	41	47	1.0	53	0.9	49	47	124	15	0.0	34.0	0.4
.999999	10086	22626	2128	326	0.1	40	0.7	0	47	124	15	0.0	34.0	0.4
.610814	10086	22626	2128	326	0.1	40	0.7	0	47	124	15	0.0	34.0	0.4
data7-6-41-02432.txt	6	7	41	39	30.2	39	39.0	10086	22574	3053	169	0.0	33.9	0.5
data7-6-41-02433.txt	6	7	41	44	31.6	44	44.0	10086	22366	1476	33	0.0	37.8	0.5
data7-6-41-02434.txt	6	7	41	40	1.4	40	40.0	10086	22500	85	90	0.0	36.2	0.4
data7-6-41-02435.txt	6	7	41	44	18.8	44	44.0	10086	22471	3039	3	0.0	41.0	0.5
data7-6-41-02436.txt	6	7	41	36	1.0	36	36.0	10086	22410	1	14	0.0	35.0	0.4
data7-6-41-02437.txt	6	7	41	33	0.9	33	33.0	10086	22646	1	18	0.0	31.8	0.4
data7-6-41-02438.txt	6	7	41	37	1.8	37	37.0	10086	22489	1	12	0.0	35.0	0.5
data7-6-41-02439.txt	6	7	41	43	3.0	43	43.0	10086	22550	32	51	0.0	41.0	0.5
data7-6-41-02440.txt	6	7	41	38	2.4	38	38.0	10086	22444	1	29	0.0	34.3	0.4
data7-6-41-02441.txt	6	7	41	40	34.8	40	40.0	10086	22422	1491	72	0.0	35.5	0.5
data7-6-41-02442.txt	6	7	41	42	52.2	42	42.0	10086	22510	7321	236	0.0	39.0	0.5
data7-6-41-02443.txt	6	7	41	44	0.8	44	44.0	10086	22791	1	48	0.0	34.0	0.3
data7-6-41-02444.txt	6	7	41	38	0.3	38	38.0	10086	22427	0	0	0.0	38.0	0.3
data7-6-41-02445.txt	6	7	41	35	1.5	35	35.0	10086	22325	7	6	0.0	31.5	0.3
data7-6-41-02446.txt	6	7	41	41	15.6	41	41.0	10086	22401	1186	104	0.0	36.5	0.3
data7-6-41-02447.txt	6	7	41	35	0.6	35	35.0	10086	22318	16	28	0.0	33.0	0.2
data7-6-41-02448.txt	6	7	41	37	0.9	37	37.0	10086	22424	1	38	0.0	35.5	0.4
data7-6-41-02449.txt	6	7	41	35	0.7	35	35.0	10086	22336	24	28	0.0	33.0	0.3
data7-6-41-02450.txt	6	7	41	27	0.7	27	27.0	10086	22260	1	0	0.0	25.0	0.3
data7-6-41-02451.txt	6	7	41	37	2.2	37	37.0	10086	22574	190	60	0.0	35.0	0.5
data7-6-41-02452.txt	6	7	41	32	0.7	32	32.0	10086	22262	0	0	0.0	32.0	0.5
data7-6-41-02453.txt	6	7	41	30	0.9	30	30.0	10086	22278	1	17	0.0	28.0	0.3
data7-6-41-02454.txt	6	7	41	45	103.2	45	45.0	10086	22674	2562	331	0.1	39.8	0.6
data7-6-41-02455.txt	6	7	41	42	4.3	42	42.0	10086	22469	1589	42	0.0	38.0	0.3
data7-6-41-02456.txt	6	7	41	34	0.6	34	34.0	10086	22481	0	0	0.0	32.7	0.4
data7-6-41-02457.txt	6	7	41	40	1.5	40	40.0	10086	22582	38	28	0.0	34.5	0.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-6-41-02458.txt	6	7	41	35	1.7	35	35.0	10086	22453	47	32	0.0	33.1	0.5
data7-6-41-02459.txt	6	7	41	37	13.6	37	37.0	10086	22478	3000	78	0.0	33.7	0.6
data7-6-41-02460.txt	6	7	41	31	3.9	31	31.0	10086	22419	375	40	0.0	27.5	0.3
data7-6-41-02461.txt	6	7	41	42	0.9	42	42.0	10086	22370	1	2	0.0	39.5	0.5
data7-6-41-02462.txt	6	7	41	43	12.0	43	43.0	10086	22423	1009	17	0.0	39.5	0.4
data7-6-41-02463.txt	6	7	41	42	3.9	42	42.0	10086	22519	791	45	0.0	38.0	0.3
data7-6-41-02464.txt	6	7	41	47	24.8	47	47.0	10086	22417	1014	47	0.0	41.0	0.4
data7-6-41-02465.txt	6	7	41	35	0.6	35	35.0	10086	22450	1	10	0.0	33.0	0.3
data7-6-41-02466.txt	6	7	41	31	2.6	31	31.0	10086	22428	26	0	0.0	27.0	0.5
data7-6-41-02467.txt	6	7	41	41	0.5	41	41.0	10086	22547	0	0	0.0	41.0	0.4
data7-6-41-02468.txt	6	7	41	33	0.5	33	33.0	10086	22408	0	0	0.0	32.5	0.4
data7-6-41-02469.txt	6	7	41	40	6.7	40	40.0	10086	22490	1060	86	0.0	38.0	0.5
data7-6-41-02470.txt	6	7	41	33	1.5	33	33.0	10086	22389	81	14	0.0	31.0	0.3
data7-6-41-02471.txt	6	7	41	40	1.2	40	40.0	10086	22500	1	4	0.0	38.0	0.6
data7-6-41-02472.txt	6	7	41	38	1.2	38	38.0	10086	22366	1	21	0.0	36.0	0.5
data7-6-41-02473.txt	6	7	41	36	0.5	36	36.0	10086	22466	0	0	0.0	36.0	0.4
data7-6-41-02474.txt	6	7	41	44	2.8	44	44.0	10086	22501	11	1	0.0	40.5	0.4
data7-6-41-02475.txt	6	7	41	35	1.3	37	35.0	10086	22377	1	31	0.0	34.6	0.4
data7-6-41-02476.txt	6	7	41	43	36.1	43	43.0	10086	22603	1951	170	0.0	36.9	0.5
data7-6-41-02477.txt	6	7	41	41	7.4	41	41.0	10086	22470	1425	99	0.0	36.1	0.5
data7-6-41-02478.txt	6	7	41	48	22.0	48	48.0	10086	22449	2549	171	0.0	43.3	0.7
data7-6-41-02479.txt	6	7	41	46	3.8	46	46.0	10086	22512	331	34	0.0	40.5	0.3
data7-6-41-02480.txt	6	7	41	38	3.9	38	38.0	10086	22642	320	36	0.0	35.0	0.3
data7-6-41-02481.txt	6	7	41	39	3.6	39	39.0	10086	22430	258	23	0.0	33.5	0.4
data7-6-41-02482.txt	6	7	41	43	1.4	43	43.0	10086	22406	4	15	0.0	41.5	0.6
data7-6-41-02483.txt	6	7	41	38	0.5	38	38.0	10086	22531	0	0	0.0	38.0	0.4
data7-6-41-02484.txt	6	7	41	42	1.1	42	42.0	10086	22438	1	0	0.0	40.0	0.4
data7-6-41-02485.txt	6	7	41	25	0.3	25	25.0	10086	22381	0	5	0.0	24.0	0.2
data7-6-41-02486.txt	6	7	41	41	18.3	41	41.0	10086	22343	1710	124	0.0	37.0	0.4
data7-6-41-02487.txt	6	7	41	31	0.4	31	31.0	10086	22439	1	3	0.0	29.0	0.3
data7-6-41-02488.txt	6	7	41	38	1.6	38	38.0	10086	22494	1	26	0.0	36.0	0.5
data7-6-41-02489.txt	6	7	41	45	23.9	45	45.0	10086	22451	2731	245	0.0	42.0	0.4
data7-6-41-02490.txt	6	7	41	30	0.3	30	30.0	10086	22271	1	14	0.0	28.0	0.2
data7-6-41-02491.txt	6	7	41	37	0.5	37	37.0	10086	22487	0	0	0.0	37.0	0.4
data7-6-41-02492.txt	6	7	41	42	1.0	42	42.0	10086	22397	1	32	0.0	40.6	0.4
data7-6-41-02493.txt	6	7	41	31	2.1	31	31.0	10086	22367	143	31	0.0	28.8	0.3
data7-6-41-02494.txt	6	7	41	38	0.7	38	38.0	10086	22394	0	0	0.0	37.5	0.5
data7-6-41-02495.txt	6	7	41	42	27.6	42	42.0	10086	22497	1286	4	0.0	37.5	0.7
data7-6-41-02496.txt	6	7	41	39	1.8	39	39.0	10086	22425	17	12	0.0	37.0	0.4
data7-6-41-02497.txt	6	7	41	43	34.5	43	43.0	10086	22534	1717	132	0.0	38.5	0.5
data7-6-41-02498.txt	6	7	41	40	0.8	40	40.0	10086	22456	1	15	0.0	38.0	0.3
data7-6-41-02499.txt	6	7	41	31	0.8	31	31.0	10086	22366	1	1	0.0	29.5	0.4
data7-6-41-02500.txt	6	7	41	44	25.2	44	44.0	10086	22578	2441	105	0.0	40.7	0.6
data7-7-42-04301.txt	7	7	42	42	38.2	42	42.0	12348	27328	682	20	0.0	36.0	0.7
data7-7-42-04302.txt	7	7	42	37	0.9	37	37.0	12348	27280	0	0	0.0	36.5	0.6
data7-7-42-04303.txt	7	7	42	28	0.6	28	28.0	12348	27400	0	0	0.0	27.5	0.4
data7-7-42-04304.txt	7	7	42	46	409.7	46	46.0	12348	27504	4244	118	0.0	40.5	1.2
data7-7-42-04305.txt	7	7	42	32	0.7	32	32.0	12348	27410	0	0	0.0	30.8	0.4
data7-7-42-04306.txt	7	7	42	40	3.6	40	40.0	12348	27572	1	3	0.0	37.5	1.0
data7-7-42-04307.txt	7	7	42	34	3.4	34	34.0	12348	27438	1	11	0.0	32.0	0.9
data7-7-42-04308.txt	7	7	42	37	1.3	37	37.0	12348	27460	1	5	0.0	35.5	0.7
data7-7-42-04309.txt	7	7	42	28	1.9	28	28.0	12348	27512	1	0	0.0	25.5	0.5
data7-7-42-04310.txt	7	7	42	33	15.3	33	33.0	12348	27502	1242	58	0.0	30.3	0.6
data7-7-42-04311.txt	7	7	42	36	4.3	36	36.0	12348	27688	130	29	0.0	33.0	0.7
data7-7-42-04312.txt	7	7	42	39	34.8	39	39.0	12348	27295	1363	31	0.0	33.2	0.7
data7-7-42-04313.txt	7	7	42	40	362.6	40	40.0	12348	27580	8021	177	0.0	35.5	1.1
data7-7-42-04314.txt	7	7	42	28	0.6	28	28.0	12348	27125	0	0	0.0	28.0	0.5
data7-7-42-04315.txt	7	7	42	37	53.7	37	37.0	12348	27420	1494	14	0.0	33.0	0.8
data7-7-42-04316.txt	7	7	42	28	0.5	28	28.0	12348	27350	0	0	0.0	28.0	0.3
data7-7-42-04317.txt	7	7	42	40	1.8	40	40.0	12348	27560	10	25	0.0	38.0	0.8
data7-7-42-04318.txt	7	7	42	34	1.4	34	34.0	12348	27474	1	0	0.0	32.0	0.6
data7-7-42-04319.txt	7	7	42	34	4.0	34	34.0	12348	27535	459	28	0.0	31.5	0.6
data7-7-42-04320.txt	7	7	42	36	4.0	36	36.0	12348	27513	10	0	0.0	32.3	0.6
data7-7-42-04321.txt	7	7	42	27	0.9	27	27.0	12348	27310	1	3	0.0	24.5	0.3
data7-7-42-04322.txt	7	7	42	40	56.3	40	40.0	12348	27605	3424	71	0.0	35.0	0.9
data7-7-42-04323.txt	7	7	42	32	0.8	32	32.0	12348	27512	0	0	0.0	31.1	0.5
data7-7-42-04324.txt	7	7	42	45	95.3	45	45.0	12348	27463	14672	166	0.0	42.0	0.8
data7-7-42-04325.txt	7	7	42	32	5.8	32	32.0	12348	27454	625	24	0.0	29.0	0.7
data7-7-42-04326.txt	7	7	42	38	59.2	38	38.0	12348	27466	1680	70	0.0	30.0	0.6
data7-7-42-04327.txt	7	7	42	30	0.8	30	30.0	12348	27334	0	0	0.0	29.0	0.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-7-42-04328.txt	7	7	42	35	3.2	35	35.0	12348	27425	140	20	0.0	30.5	0.5
data7-7-42-04329.txt	7	7	42	38	1.5	38	38.0	12348	27518	0	0	0.0	37.0	0.7
data7-7-42-04330.txt	7	7	42	42	33.8	42	42.0	12348	27611	2114	35	0.0	37.5	0.9
data7-7-42-04331.txt	7	7	42	32	0.7	32	32.0	12348	27483	0	2	0.0	31.0	0.4
data7-7-42-04332.txt	7	7	42	39	4.6	39	39.0	12348	27516	118	57	0.0	36.5	0.7
data7-7-42-04333.txt	7	7	42	37	2.0	37	37.0	12348	27445	1	0	0.0	35.0	0.8
data7-7-42-04334.txt	7	7	42	37	1.8	37	37.0	12348	27536	1	0	0.0	34.5	0.8
data7-7-42-04335.txt	7	7	42	35	2.7	35	35.0	12348	27450	8	28	0.0	31.0	0.5
data7-7-42-04336.txt	7	7	42	38	46.8	38	38.0	12348	27315	1506	40	0.0	35.0	0.8
data7-7-42-04337.txt	7	7	42	32	11.7	32	32.0	12348	27339	1199	14	0.0	29.0	0.5
data7-7-42-04338.txt	7	7	42	32	1.1	32	32.0	12348	27266	0	0	0.0	31.0	0.4
data7-7-42-04339.txt	7	7	42	45	113.2	45	45.0	12348	27798	1990	8	0.0	40.0	1.0
data7-7-42-04340.txt	7	7	42	35	4.6	36	35.0	12348	27455	68	92	0.0	33.8	0.7
data7-7-42-04341.txt	7	7	42	42	47.8	42	42.0	12348	27517	741	89	0.0	36.5	0.9
data7-7-42-04342.txt	7	7	42	31	0.8	31	31.0	12348	27614	0	0	0.0	29.4	0.4
data7-7-42-04343.txt	7	7	42	30	0.8	30	30.0	12348	27352	0	0	0.0	30.0	0.5
data7-7-42-04344.txt	7	7	42	39	1.1	39	39.0	12348	27569	0	0	0.0	38.3	0.6
data7-7-42-04345.txt	7	7	42	37	2.3	37	37.0	12348	27384	1	30	0.0	34.7	0.6
data7-7-42-04346.txt	7	7	42	38	1.7	38	38.0	12348	27606	1	0	0.0	36.0	0.9
data7-7-42-04347.txt	7	7	42	31	2.4	31	31.0	12348	27337	1	10	0.0	28.5	0.6
data7-7-42-04348.txt	7	7	42	35	19.2	35	35.0	12348	27389	1057	0	0.0	31.0	0.7
data7-7-42-04349.txt	7	7	42	37	1.4	37	37.0	12348	27492	0	0	0.0	36.0	0.8
data7-7-42-04350.txt	7	7	42	34	4.3	34	34.0	12348	27530	32	38	0.0	31.7	0.5
data7-7-42-04351.txt	7	7	42	38	87.9	38	38.0	12348	27452	5664	73	0.0	36.0	0.7
data7-7-42-04352.txt	7	7	42	28	0.5	28	28.0	12348	27154	0	0	0.0	28.0	0.4
data7-7-42-04353.txt	7	7	42	33	0.7	33	33.0	12348	27420	0	0	0.0	32.4	0.4
data7-7-42-04354.txt	7	7	42	37	6.5	37	37.0	12348	27626	140	0	0.0	32.5	0.8
data7-7-42-04355.txt	7	7	42	34	5.8	34	34.0	12348	27541	1	0	0.0	30.0	0.7
data7-7-42-04356.txt	7	7	42	38	26.2	38	38.0	12348	27616	1341	7	0.0	35.0	0.9
data7-7-42-04357.txt	7	7	42	35	1.6	35	35.0	12348	27293	1	16	0.0	32.0	0.5
data7-7-42-04358.txt	7	7	42	34	1.1	34	34.0	12348	27392	0	1	0.0	33.0	0.8
data7-7-42-04359.txt	7	7	42	35	1.0	35	35.0	12348	27319	0	0	0.0	34.0	0.6
data7-7-42-04360.txt	7	7	42	34	0.7	34	34.0	12348	27273	0	0	0.0	33.2	0.5
data7-7-42-04361.txt	7	7	42	35	4.3	36	35.0	12348	27633	84	42	0.0	32.8	0.6
data7-7-42-04362.txt	7	7	42	36	1.1	36	36.0	12348	27354	0	0	0.0	36.0	0.7
data7-7-42-04363.txt	7	7	42	33	1.0	33	33.0	12348	27283	0	0	0.0	32.0	0.5
data7-7-42-04364.txt	7	7	42	34	1.2	34	34.0	12348	27360	1	6	0.0	31.5	0.6
data7-7-42-04365.txt	7	7	42	33	42.2	33	33.0	12348	27602	1933	34	0.0	29.5	0.8
data7-7-42-04366.txt	7	7	42	39	12.4	39	39.0	12348	27769	475	17	0.0	34.5	0.8
data7-7-42-04367.txt	7	7	42	31	1.1	31	31.0	12348	27515	0	2	0.0	30.0	0.4
data7-7-42-04368.txt	7	7	42	35	1.1	35	35.0	12348	27386	0	0	0.0	34.0	0.6
data7-7-42-04369.txt	7	7	42	41	123.1	41	41.0	12348	27488	3716	282	0.1	37.0	0.7
data7-7-42-04370.txt	7	7	42	42	2.1	42	42.0	12348	27359	1	10	0.0	40.0	0.8
data7-7-42-04371.txt	7	7	42	40	105.8	40	40.0	12348	27434	4606	231	0.1	34.5	0.7
data7-7-42-04372.txt	7	7	42	43	1.6	43	43.0	12348	27434	0	0	0.0	43.0	1.2
data7-7-42-04373.txt	7	7	42	33	1.8	33	33.0	12348	27329	1	0	0.0	29.0	0.6
data7-7-42-04374.txt	7	7	42	34	1.0	34	34.0	12348	27347	0	0	0.0	33.5	0.7
data7-7-42-04375.txt	7	7	42	41	3.4	41	41.0	12348	27653	131	105	0.0	39.5	1.1
data7-7-42-04376.txt	7	7	42	42	9.4	42	42.0	12348	27521	94	57	0.0	39.0	0.9
data7-7-42-04377.txt	7	7	42	29	0.6	29	29.0	12348	27234	0	0	0.0	28.7	0.4
data7-7-42-04378.txt	7	7	42	30	2.5	30	30.0	12348	27256	29	15	0.0	27.5	0.5
data7-7-42-04379.txt	7	7	42	44	89.7	44	44.0	12348	27502	1696	21	0.0	38.5	0.9
data7-7-42-04380.txt	7	7	42	36	1.5	36	36.0	12348	27366	1	17	0.0	34.0	0.6
data7-7-42-04381.txt	7	7	42	29	0.7	29	29.0	12348	27502	0	0	0.0	28.5	0.5
data7-7-42-04382.txt	7	7	42	30	1.1	30	30.0	12348	27326	1	10	0.0	27.5	0.4
data7-7-42-04383.txt	7	7	42	32	0.8	32	32.0	12348	27441	0	0	0.0	32.0	0.5
data7-7-42-04384.txt	7	7	42	33	2.3	33	33.0	12348	27237	1	23	0.0	31.0	0.6
data7-7-42-04385.txt	7	7	42	31	1.0	31	31.0	12348	27123	1	0	0.0	28.0	0.4
data7-7-42-04386.txt	7	7	42	27	0.8	27	27.0	12348	27133	1	7	0.0	25.5	0.4
data7-7-42-04387.txt	7	7	42	39	86.7	40	39.0	12348	27500	3214	212	0.1	32.5	0.7
data7-7-42-04388.txt	7	7	42	38	1.1	38	38.0	12348	27343	0	0	0.0	38.0	0.7
data7-7-42-04389.txt	7	7	42	34	2.1	34	34.0	12348	27352	1	0	0.0	31.5	0.6
data7-7-42-04390.txt	7	7	42	35	1.1	35	35.0	12348	27373	1	7	0.0	34.0	0.6
data7-7-42-04391.txt	7	7	42	40	12.1	40	40.0	12348	27873	464	114	0.0	34.1	0.8
data7-7-42-04392.txt	7	7	42	36	1.2	36	36.0	12348	27166	1	0	0.0	31.2	0.4
data7-7-42-04393.txt	7	7	42	34	1.3	34	34.0	12348	27621	1	20	0.0	33.0	0.6
data7-7-42-04394.txt	7	7	42	36	37.9	36	36.0	12348	27356	2030	2	0.0	33.0	0.7
data7-7-42-04395.txt	7	7	42	47	447.3	47	47.0	12348	27777	12590	144	0.0	39.0	1.1
data7-7-42-04396.txt	7	7	42	37	3.1	37	37.0	12348	27276	30	88	0.0	35.0	0.6
data7-7-42-04397.txt	7	7	42	40	16.6	40	40.0	12348	27501	597	73	0.0	38.0	0.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-7-42-04398.txt	7	7	42	43	53.5	45	43.0	12348	27581	1249	335	0.1	36.1	0.8
data7-7-42-04399.txt	7	7	42	31	4.8	31	31.0	12348	27292	1	0	0.0	28.6	0.9
data7-7-42-04400.txt	7	7	42	35	2.1	35	35.0	12348	27210	0	0	0.0	33.5	0.8
data7-7-43-04401.txt	7	7	43	42	5.6	42	42.0	12943	28560	389	15	0.0	39.0	0.8
data7-7-43-04402.txt	7	7	43	32	1.9	32	32.0	12943	28573	1	1	0.0	30.5	0.5
data7-7-43-04403.txt	7	7	43	40	5.9	40	40.0	12943	28827	1	12	0.0	37.5	0.9
data7-7-43-04404.txt	7	7	43	40	55.2	40	40.0	12943	28891	2204	10	0.0	35.0	0.8
data7-7-43-04405.txt	7	7	43	39	7.3	40	39.0	12943	28801	112	37	0.0	34.5	0.9
data7-7-43-04406.txt	7	7	43	39	6.2	39	39.0	12943	28870	3	4	0.0	35.5	0.6
data7-7-43-04407.txt	7	7	43	37	3.8	37	37.0	12943	28600	6	17	0.0	34.5	0.7
data7-7-43-04408.txt	7	7	43	46	4.3	46	46.0	12943	28918	1	6	0.0	41.5	0.9
data7-7-43-04409.txt	7	7	43	35	6.7	35	35.0	12943	28667	363	0	0.0	32.5	0.5
data7-7-43-04410.txt	7	7	43	36	4.2	36	36.0	12943	28817	84	17	0.0	33.0	0.6
data7-7-43-04411.txt	7	7	43	32	0.8	32	32.0	12943	28452	0	0	0.0	32.0	0.4
data7-7-43-04412.txt	7	7	43	39	2.0	39	39.0	12943	28726	1	6	0.0	37.5	0.8
data7-7-43-04413.txt	7	7	43	32	0.7	32	32.0	12943	28574	0	6	0.0	30.9	0.4
data7-7-43-04414.txt	7	7	43	33	3.3	33	33.0	12943	28746	176	49	0.0	29.0	0.5
data7-7-43-04415.txt	7	7	43	33	1.9	33	33.0	12943	28745	1	23	0.0	30.7	0.6
data7-7-43-04416.txt	7	7	43	30	0.8	30	30.0	12943	28526	0	0	0.0	30.0	0.7
data7-7-43-04417.txt	7	7	43	33	0.8	33	33.0	12943	28689	0	0	0.0	33.0	0.5
data7-7-43-04418.txt	7	7	43	34	3.9	34	34.0	12943	28828	29	1	0.0	30.8	0.6
data7-7-43-04419.txt	7	7	43	34	0.7	34	34.0	12943	28767	0	0	0.0	33.5	0.5
data7-7-43-04420.txt	7	7	43	36	1.9	36	36.0	12943	28779	1	0	0.0	32.8	0.6
data7-7-43-04421.txt	7	7	43	33	1.1	33	33.0	12943	28632	0	9	0.0	32.0	0.7
data7-7-43-04422.txt	7	7	43	29	0.5	29	29.0	12943	28647	0	0	0.0	29.0	0.4
data7-7-43-04423.txt	7	7	43	43	26.0	43	43.0	12943	28923	2311	86	0.0	37.8	0.9
data7-7-43-04424.txt	7	7	43	39	1.8	39	39.0	12943	28914	2	39	0.0	36.5	0.5
data7-7-43-04425.txt	7	7	43	35	0.9	35	35.0	12943	28638	0	0	0.0	34.5	0.5
data7-7-43-04426.txt	7	7	43	40	0.6	40	40.0	12943	28601	0	0	0.0	40.0	0.4
data7-7-43-04427.txt	7	7	43	30	1.3	30	30.0	12943	28667	1	10	0.0	27.0	0.4
data7-7-43-04428.txt	7	7	43	36	1.5	36	36.0	12943	28763	1	0	0.0	33.5	0.5
data7-7-43-04429.txt	7	7	43	35	1.7	36	35.0	12943	28889	1	14	0.0	34.5	0.7
data7-7-43-04430.txt	7	7	43	37	48.3	37	37.0	12943	29064	640	0	0.0	32.2	0.9
data7-7-43-04431.txt	7	7	43	37	2.0	37	37.0	12943	28527	12	23	0.0	34.5	0.6
data7-7-43-04432.txt	7	7	43	46	2.2	46	46.0	12943	28767	1	14	0.0	42.4	0.7
data7-7-43-04433.txt	7	7	43	33	2.4	33	33.0	12943	28695	7	3	0.0	28.0	0.4
data7-7-43-04434.txt	7	7	43	42	473.4	42	42.0	12943	29044	11150	372	0.1	36.5	1.1
data7-7-43-04435.txt	7	7	43	34	1.8	34	34.0	12943	28499	1	0	0.0	31.5	0.7
data7-7-43-04436.txt	7	7	43	36	0.8	36	36.0	12943	28832	0	0	0.0	35.0	0.5
data7-7-43-04437.txt	7	7	43	40	1.0	40	40.0	12943	28746	0	0	0.0	39.0	0.5
data7-7-43-04438.txt	7	7	43	36	2.4	36	36.0	12943	28620	1	0	0.0	33.0	0.5
data7-7-43-04439.txt	7	7	43	48	16.1	48	48.0	12943	28907	284	26	0.0	42.1	1.6
data7-7-43-04440.txt	7	7	43	42	6.7	42	42.0	12943	28796	169	44	0.0	39.0	0.6
data7-7-43-04441.txt	7	7	43	36	1.7	36	36.0	12943	28738	1	0	0.0	34.5	0.6
data7-7-43-04442.txt	7	7	43	38	1.4	38	38.0	12943	28786	0	0	0.0	37.0	0.6
data7-7-43-04443.txt	7	7	43	46	1.4	46	46.0	12943	29106	0	0	0.0	45.0	1.0
data7-7-43-04444.txt	7	7	43	36	8.1	36	36.0	12943	28591	2058	89	0.0	32.5	0.6
data7-7-43-04445.txt	7	7	43	43	14.2	43	43.0	12943	29074	377	45	0.0	39.5	0.9
data7-7-43-04446.txt	7	7	43	38	53.4	38	38.0	12943	28847	1604	0	0.0	34.0	0.8
data7-7-43-04447.txt	7	7	43	41	39.3	41	41.0	12943	28995	1187	3	0.0	38.0	1.1
data7-7-43-04448.txt	7	7	43	32	1.4	32	32.0	12943	28733	189	73	0.0	30.5	0.7
data7-7-43-04449.txt	7	7	43	30	1.4	30	30.0	12943	28758	1	6	0.0	28.5	0.6
data7-7-43-04450.txt	7	7	43	38	47.7	38	38.0	12943	28931	2119	101	0.0	33.0	0.7
data7-7-43-04451.txt	7	7	43	29	0.8	29	29.0	12943	28627	1	0	0.0	27.5	0.4
data7-7-43-04452.txt	7	7	43	37	3.7	37	37.0	12943	28804	1	39	0.0	34.5	0.8
data7-7-43-04453.txt	7	7	43	37	0.9	37	37.0	12943	28955	0	0	0.0	36.5	0.6
data7-7-43-04454.txt	7	7	43	39	1.5	39	39.0	12943	28823	1	7	0.0	37.5	0.8
data7-7-43-04455.txt	7	7	43	35	31.1	35	35.0	12943	28798	4213	3	0.0	30.5	0.6
data7-7-43-04456.txt	7	7	43	46	134.2	46	46.0	12943	28988	4385	186	0.0	38.0	1.2
data7-7-43-04457.txt	7	7	43	39	2.9	39	39.0	12943	28725	1	6	0.0	36.0	0.9
data7-7-43-04458.txt	7	7	43	41	2.6	41	41.0	12943	28825	1	0	0.0	37.9	0.7
data7-7-43-04459.txt	7	7	43	47	1.7	47	47.0	12943	28860	0	0	0.0	45.7	1.1
data7-7-43-04460.txt	7	7	43	37	43.7	37	37.0	12943	28746	1274	56	0.0	34.0	0.8
data7-7-43-04461.txt	7	7	43	27	0.7	27	27.0	12943	28508	0	0	0.0	25.5	0.4
data7-7-43-04462.txt	7	7	43	31	1.0	31	31.0	12943	28522	0	0	0.0	31.0	0.4
data7-7-43-04463.txt	7	7	43	40	5.6	40	40.0	12943	28794	282	6	0.0	36.5	0.8
data7-7-43-04464.txt	7	7	43	37	0.8	37	37.0	12943	28622	1	5	0.0	35.0	0.5
data7-7-43-04465.txt	7	7	43	38	81.1	38	38.0	12943	28901	2371	1	0.0	33.0	0.8
data7-7-43-04466.txt	7	7	43	33	0.6	33	33.0	12943	28780	0	0	0.0	32.0	0.3
data7-7-43-04467.txt	7	7	43	29	0.5	29	29.0	12943	28466	0	0	0.0	29.0	0.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-7-43-04468.txt	7	7	43	35	1.2	35	35.0	12943	28790	1	20	0.0	34.0	0.6
data7-7-43-04469.txt	7	7	43	42	45.0	42	42.0	12943	28713	2123	143	0.0	37.8	1.2
data7-7-43-04470.txt	7	7	43	46	252.1	46	46.0	12943	29091	4982	83	0.0	38.2	1.0
data7-7-43-04471.txt	7	7	43	31	23.7	32	31.0	12943	28550	1588	175	0.0	29.0	0.5
data7-7-43-04472.txt	7	7	43	39	40.4	39	39.0	12943	28912	1103	0	0.0	35.5	0.9
data7-7-43-04473.txt	7	7	43	34	1.2	34	34.0	12943	28546	0	0	0.0	34.0	0.5
data7-7-43-04474.txt	7	7	43	37	1.9	37	37.0	12943	28838	1	16	0.0	32.0	0.4
data7-7-43-04475.txt	7	7	43	31	1.1	31	31.0	12943	28784	0	0	0.0	29.2	0.5
data7-7-43-04476.txt	7	7	43	32	1.2	32	32.0	12943	28409	1	0	0.0	30.0	0.4
data7-7-43-04477.txt	7	7	43	36	1.2	36	36.0	12943	28733	1	7	0.0	35.0	0.6
data7-7-43-04478.txt	7	7	43	36	1.6	36	36.0	12943	28881	1	15	0.0	33.5	0.6
data7-7-43-04479.txt	7	7	43	42	1.5	42	42.0	12943	28836	0	5	0.0	41.0	0.7
data7-7-43-04480.txt	7	7	43	40	49.1	40	40.0	12943	28701	2096	110	0.0	36.0	0.6
data7-7-43-04481.txt	7	7	43	34	1.1	34	34.0	12943	28598	0	0	0.0	34.0	0.4
data7-7-43-04482.txt	7	7	43	33	0.8	33	33.0	12943	28502	0	0	0.0	32.0	0.5
data7-7-43-04483.txt	7	7	43	45	214.4	45	45.0	12943	28969	4866	47	0.0	38.6	0.9
data7-7-43-04484.txt	7	7	43	43	77.9	44	43.0	12943	29070	1593	101	0.0	37.5	0.9
data7-7-43-04485.txt	7	7	43	37	2.6	37	37.0	12943	28825	0	0	0.0	35.5	0.9
data7-7-43-04486.txt	7	7	43	37	3.3	37	37.0	12943	28695	1	0	0.0	33.5	0.6
data7-7-43-04487.txt	7	7	43	33	1.2	34	33.0	12943	28592	1	11	0.0	32.5	0.5
data7-7-43-04488.txt	7	7	43	31	0.5	31	31.0	12943	28755	0	0	0.0	31.0	0.4
data7-7-43-04489.txt	7	7	43	44	1.2	44	44.0	12943	28978	1	13	0.0	42.0	0.6
data7-7-43-04490.txt	7	7	43	35	3.7	35	35.0	12943	28876	3	0	0.0	32.5	0.7
data7-7-43-04491.txt	7	7	43	38	4.9	38	38.0	12943	28756	1	10	0.0	35.0	0.7
data7-7-43-04492.txt	7	7	43	40	31.4	40	40.0	12943	28659	1702	145	0.0	36.0	0.7
data7-7-43-04493.txt	7	7	43	44	3.3	44	44.0	12943	28724	1	78	0.0	43.0	0.8
data7-7-43-04494.txt	7	7	43	44	5.6	44	44.0	12943	28918	1	0	0.0	40.5	0.9
data7-7-43-04495.txt	7	7	43	36	1.5	36	36.0	12943	28593	0	13	0.0	35.0	0.5
data7-7-43-04496.txt	7	7	43	38	33.4	38	38.0	12943	28777	1000	11	0.0	33.0	0.8
data7-7-43-04497.txt	7	7	43	40	215.1	41	40.0	12943	29117	2299	283	0.1	35.5	1.1
data7-7-43-04498.txt	7	7	43	41	22.6	41	41.0	12943	28955	2683	31	0.0	36.4	0.8
data7-7-43-04499.txt	7	7	43	39	3.9	39	39.0	12943	28936	5	0	0.0	36.5	0.6
data7-7-43-04500.txt	7	7	43	50	104.8	50	50.0	12943	28887	1502	135	0.1	47.5	1.3
data7-7-44-04501.txt	7	7	44	51	247.4	51	51.0	13552	30261	5094	223	0.1	44.0	1.3
data7-7-44-04502.txt	7	7	44	40	3.5	40	40.0	13552	30097	1	0	0.0	37.5	0.7
data7-7-44-04503.txt	7	7	44	38	4.6	38	38.0	13552	29990	1	1	0.0	36.0	0.9
data7-7-44-04504.txt	7	7	44	34	1.5	34	34.0	13552	30061	0	0	0.0	34.0	0.7
data7-7-44-04505.txt	7	7	44	29	0.7	29	29.0	13552	29835	0	0	0.0	27.8	0.3
data7-7-44-04506.txt	7	7	44	38	225.7	40	38.0	13552	30080	1000	38	0.0	35.2	0.7
data7-7-44-04507.txt	7	7	44	47	7.5	47	47.0	13552	30104	99	30	0.0	44.0	0.8
data7-7-44-04508.txt	7	7	44	38	1.6	38	38.0	13552	29951	0	0	0.0	36.5	0.5
data7-7-44-04509.txt	7	7	44	43	274.1	44	43.0	13552	30128	6920	246	0.1	37.0	0.8
data7-7-44-04510.txt	7	7	44	45	9.0	45	45.0	13552	30139	69	20	0.0	42.2	0.9
data7-7-44-04511.txt	7	7	44	44	104.9	44	44.0	13552	30076	2594	106	0.0	39.8	0.7
data7-7-44-04512.txt	7	7	44	41	13.9	41	41.0	13552	30240	89	33	0.0	38.0	0.9
data7-7-44-04513.txt	7	7	44	39	6.5	39	39.0	13552	30161	11	8	0.0	37.0	0.6
data7-7-44-04514.txt	7	7	44	39	1.7	39	39.0	13552	29881	1	17	0.0	37.5	0.6
data7-7-44-04515.txt	7	7	44	43	6.5	43	43.0	13552	30095	365	18	0.0	35.8	0.7
data7-7-44-04516.txt	7	7	44	35	1.4	35	35.0	13552	29949	0	0	0.0	34.0	0.5
data7-7-44-04517.txt	7	7	44	43	22.2	43	43.0	13552	30199	740	30	0.0	37.0	1.0
data7-7-44-04518.txt	7	7	44	40	4.0	40	40.0	13552	29823	7	4	0.0	37.5	0.6
data7-7-44-04519.txt	7	7	44	46	18.1	46	46.0	13552	30181	216	3	0.0	41.8	0.9
data7-7-44-04520.txt	7	7	44	38	12.2	38	38.0	13552	30321	29	0	0.0	33.7	0.9
data7-7-44-04521.txt	7	7	44	45	32.0	46	45.0	13552	30332	843	170	0.1	43.0	0.9
data7-7-44-04522.txt	7	7	44	37	1.5	37	37.0	13552	30161	0	0	0.0	37.0	0.6
data7-7-44-04523.txt	7	7	44	42	2.5	42	42.0	13552	30132	1	3	0.0	38.2	0.6
data7-7-44-04524.txt	7	7	44	38	7.4	38	38.0	13552	30180	326	4	0.0	34.0	0.8
data7-7-44-04525.txt	7	7	44	50	89.6	50	50.0	13552	30197	1950	176	0.1	46.2	1.0
data7-7-44-04526.txt	7	7	44	42	9.7	42	42.0	13552	30274	258	14	0.0	38.2	0.6
data7-7-44-04527.txt	7	7	44	43	28.1	43	43.0	13552	30493	1451	39	0.0	34.2	0.8
data7-7-44-04528.txt	7	7	44	45	633.2	46	45.0	13552	30054	14774	188	0.1	39.5	1.2
data7-7-44-04529.txt	7	7	44	40	4.0	40	40.0	13552	30170	1	0	0.0	38.0	1.0
data7-7-44-04530.txt	7	7	44	35	1.2	35	35.0	13552	30026	0	0	0.0	34.0	0.5
data7-7-44-04531.txt	7	7	44	41	1.1	41	41.0	13552	30049	0	0	0.0	40.5	0.6
data7-7-44-04532.txt	7	7	44	38	6.8	39	38.0	13552	29945	18	8	0.0	34.5	0.7
data7-7-44-04533.txt	7	7	44	37	1.8	37	37.0	13552	30237	0	0	0.0	36.0	0.6
data7-7-44-04534.txt	7	7	44	34	6.3	34	34.0	13552	30077	1	0	0.0	30.0	0.6
data7-7-44-04535.txt	7	7	44	54	1517.0	54	54.0	13552	30484	7770	228	0.1	48.5	1.5
data7-7-44-04536.txt	7	7	44	37	1.1	37	37.0	13552	30040	1	8	0.0	36.0	0.6
data7-7-44-04537.txt	7	7	44	37	1.6	37	37.0	13552	29857	0	0	0.0	36.5	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-7-44-04538.txt	7	7	44	44	170.9	44	44.0	13552	29918	763	31	0.0	38.0	1.0
data7-7-44-04539.txt	7	7	44	49	47.8	49	49.0	13552	30659	709	165	0.1	44.3	1.6
data7-7-44-04540.txt	7	7	44	40	54.2	40	40.0	13552	30078	1838	62	0.0	37.0	0.6
data7-7-44-04541.txt	7	7	44	38	3.5	38	38.0	13552	30327	1	0	0.0	35.0	0.8
data7-7-44-04542.txt	7	7	44	40	24.1	40	40.0	13552	30170	614	59	0.0	37.4	0.6
data7-7-44-04543.txt	7	7	44	40	10.4	40	40.0	13552	30306	236	9	0.0	36.5	0.7
data7-7-44-04544.txt	7	7	44	41	19.1	41	41.0	13552	30216	741	6	0.0	38.0	0.9
data7-7-44-04545.txt	7	7	44	38	2.8	38	38.0	13552	30049	104	58	0.0	37.0	0.6
data7-7-44-04546.txt	7	7	44	39	1.7	39	39.0	13552	29940	7	14	0.0	37.6	0.5
data7-7-44-04547.txt	7	7	44	41	2.4	41	41.0	13552	30235	0	0	0.0	40.2	1.0
data7-7-44-04548.txt	7	7	44	40	3.1	40	40.0	13552	29808	1	0	0.0	38.0	0.8
data7-7-44-04549.txt	7	7	44	43	2.8	43	43.0	13552	30043	1	0	0.0	38.0	0.7
data7-7-44-04550.txt	7	7	44	42	2.0	42	42.0	13552	29898	1	29	0.0	41.0	0.9
data7-7-44-04551.txt	7	7	44	42	2.0	42	42.0	13552	30165	1	1	0.0	40.0	0.8
data7-7-44-04552.txt	7	7	44	31	1.9	31	31.0	13552	30093	1	34	0.0	29.5	0.5
data7-7-44-04553.txt	7	7	44	41	74.8	42	41.0	13552	30062	1221	110	0.0	37.5	1.1
data7-7-44-04554.txt	7	7	44	47	3.1	47	47.0	13552	30145	1	37	0.0	46.0	0.9
data7-7-44-04555.txt	7	7	44	37	1.0	37	37.0	13552	29916	0	0	0.0	37.0	0.6
data7-7-44-04556.txt	7	7	44	41	31.7	41	41.0	13552	30061	2333	14	0.0	36.0	0.6
data7-7-44-04557.txt	7	7	44	43	25.4	43	43.0	13552	30394	1957	114	0.0	39.5	0.8
data7-7-44-04558.txt	7	7	44	49	448.1	49	49.0	13552	30467	7496	215	0.1	39.7	1.2
data7-7-44-04559.txt	7	7	44	41	2.1	41	41.0	13552	30287	1	40	0.0	39.8	0.9
data7-7-44-04560.txt	7	7	44	46	112.3	47	46.0	13552	29985	3208	249	0.1	41.0	0.7
data7-7-44-04561.txt	7	7	44	44	214.9	44	44.0	13552	30179	3788	184	0.1	39.7	1.0
data7-7-44-04562.txt	7	7	44	31	1.7	31	31.0	13552	29891	0	0	0.0	29.5	0.6
data7-7-44-04563.txt	7	7	44	46	21.7	46	46.0	13552	30048	509	14	0.0	42.6	1.3
data7-7-44-04564.txt	7	7	44	40	2.1	41	40.0	13552	30038	4	74	0.0	38.0	0.5
data7-7-44-04565.txt	7	7	44	35	1.0	35	35.0	13552	30049	0	0	0.0	35.0	0.4
data7-7-44-04566.txt	7	7	44	46	59.8	46	46.0	13552	30161	2960	141	0.1	41.0	1.0
data7-7-44-04567.txt	7	7	44	44	24.5	44	44.0	13552	30023	1038	45	0.0	41.0	0.9
data7-7-44-04568.txt	7	7	44	32	1.2	32	32.0	13552	29855	0	0	0.0	30.5	0.5
data7-7-44-04569.txt	7	7	44	38	31.3	38	38.0	13552	30122	1153	0	0.0	34.0	0.7
data7-7-44-04570.txt	7	7	44	38	1.6	38	38.0	13552	30211	0	0	0.0	37.0	0.5
data7-7-44-04571.txt	7	7	44	47	38.6	48	47.0	13552	30273	1220	211	0.1	44.5	1.1
data7-7-44-04572.txt	7	7	44	44	31.7	45	44.0	13552	30376	1385	130	0.0	37.5	0.7
data7-7-44-04573.txt	7	7	44	42	30.9	42	42.0	13552	30206	2722	129	0.0	37.5	0.6
data7-7-44-04574.txt	7	7	44	47	53.4	47	47.0	13552	30285	2086	157	0.1	45.0	0.6
data7-7-44-04575.txt	7	7	44	47	6.4	47	47.0	13552	30185	455	110	0.0	45.5	0.8
data7-7-44-04576.txt	7	7	44	41	97.1	42	41.0	13552	30174	2213	171	0.0	37.5	1.2
data7-7-44-04577.txt	7	7	44	41	229.5	41	41.0	13552	29913	11916	318	0.1	31.0	0.7
data7-7-44-04578.txt	7	7	44	38	1.9	38	38.0	13552	30045	1	35	0.0	36.0	0.7
data7-7-44-04579.txt	7	7	44	43	6.5	43	43.0	13552	30240	1	0	0.0	38.8	1.0
data7-7-44-04580.txt	7	7	44	35	4.4	35	35.0	13552	30050	21	0	0.0	32.0	0.5
data7-7-44-04581.txt	7	7	44	45	153.3	45	45.0	13552	30336	3534	184	0.1	39.5	0.9
data7-7-44-04582.txt	7	7	44	41	14.1	42	41.0	13552	30099	86	81	0.0	39.5	1.0
data7-7-44-04583.txt	7	7	44	40	1.5	40	40.0	13552	29876	0	0	0.0	38.5	0.4
data7-7-44-04584.txt	7	7	44	38	4.5	38	38.0	13552	29962	1	0	0.0	34.8	0.8
data7-7-44-04585.txt	7	7	44	38	5.1	38	38.0	13552	30150	1	0	0.0	35.6	0.9
data7-7-44-04586.txt	7	7	44	43	2.5	43	43.0	13552	30179	0	0	0.0	41.5	1.0
data7-7-44-04587.txt	7	7	44	39	0.7	39	39.0	13552	29996	0	6	0.0	37.5	0.4
data7-7-44-04588.txt	7	7	44	46	3.9	46	46.0	13552	30345	159	19	0.0	43.0	0.8
data7-7-44-04589.txt	7	7	44	45	16.2	45	45.0	13552	30068	353	111	0.0	41.0	1.4
data7-7-44-04590.txt	7	7	44	45	3.5	45	45.0	13552	30422	1	0	0.0	43.0	1.4
data7-7-44-04591.txt	7	7	44	38	361.6	38	38.0	13552	30057	15584	70	0.0	34.0	0.8
data7-7-44-04592.txt	7	7	44	40	22.8	40	40.0	13552	29953	1423	96	0.0	35.5	0.6
data7-7-44-04593.txt	7	7	44	43	41.3	43	43.0	13552	30007	3068	41	0.0	40.5	0.9
data7-7-44-04594.txt	7	7	44	43	43.3	43	43.0	13552	30360	1441	47	0.0	38.3	1.2
data7-7-44-04595.txt	7	7	44	35	2.8	35	35.0	13552	30085	19	0	0.0	31.0	0.6
data7-7-44-04596.txt	7	7	44	41	2.8	41	41.0	13552	30002	1	0	0.0	39.0	0.7
data7-7-44-04597.txt	7	7	44	41	97.6	42	41.0	13552	30337	847	53	0.0	38.0	1.1
data7-7-44-04598.txt	7	7	44	40	1.6	40	40.0	13552	30479	0	0	0.0	39.5	0.8
data7-7-44-04599.txt	7	7	44	37	5.2	37	37.0	13552	30092	1	0	0.0	34.2	0.7
data7-7-44-04600.txt	7	7	44	38	64.5	38	38.0	13552	30064	1487	46	0.0	33.5	0.6
data7-7-45-04601.txt	7	7	45	41	26.9	41	41.0	14175	31529	2917	113	0.0	37.7	0.7
data7-7-45-04602.txt	7	7	45	37	1.4	37	37.0	14175	31262	0	0	0.0	36.0	0.7
data7-7-45-04603.txt	7	7	45	41	1.6	41	41.0	14175	31394	0	0	0.0	41.0	0.6
data7-7-45-04604.txt	7	7	45	47	72.9	47	47.0	14175	31372	2390	13	0.0	39.5	1.1
data7-7-45-04605.txt	7	7	45	50	2.8	50	50.0	14175	31609	11	81	0.0	48.0	0.6
data7-7-45-04606.txt	7	7	45	52	182.9	52	52.0	14175	31375	3613	88	0.0	49.0	1.1
data7-7-45-04607.txt	7	7	45	39	3.0	39	39.0	14175	31479	1	3	0.0	37.0	0.9

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-7-45-04608.txt	7	7	45	34	7.0	34	34.0	14175	31211	255	8	0.0	31.0	0.6
data7-7-45-04609.txt	7	7	45	48	182.9	48	48.0	14175	31563	2019	197	0.1	42.2	1.2
data7-7-45-04610.txt	7	7	45	36	0.9	36	36.0	14175	31436	0	1	0.0	35.0	0.5
data7-7-45-04611.txt	7	7	45	37	1.5	37	37.0	14175	31580	1	10	0.0	36.0	0.4
data7-7-45-04612.txt	7	7	45	44	2.2	44	44.0	14175	31435	1	23	0.0	41.0	0.5
data7-7-45-04613.txt	7	7	45	43	2.8	44	43.0	14175	31350	28	40	0.0	42.0	0.7
data7-7-45-04614.txt	7	7	45	37	2.4	37	37.0	14175	31392	1	21	0.0	35.0	0.5
data7-7-45-04615.txt	7	7	45	44	90.4	44	44.0	14175	31792	1276	10	0.0	38.8	1.0
data7-7-45-04616.txt	7	7	45	45	190.1	45	45.0	14175	31443	9519	249	0.1	41.0	1.0
data7-7-45-04617.txt	7	7	45	34	1.3	34	34.0	14175	31181	0	0	0.0	34.0	0.4
data7-7-45-04618.txt	7	7	45	42	211.0	42	42.0	14175	31638	2346	148	0.0	36.1	0.8
data7-7-45-04619.txt	7	7	45	47	70.2	47	47.0	14175	31623	659	29	0.0	40.4	1.0
data7-7-45-04620.txt	7	7	45	38	13.6	38	38.0	14175	31489	1033	69	0.0	35.0	0.6
data7-7-45-04621.txt	7	7	45	42	3.1	42	42.0	14175	31315	1	0	0.0	40.2	0.9
data7-7-45-04622.txt	7	7	45	39	12.7	39	39.0	14175	31522	751	58	0.0	34.0	0.5
data7-7-45-04623.txt	7	7	45	42	12.6	43	42.0	14175	31469	149	54	0.0	38.8	1.3
data7-7-45-04624.txt	7	7	45	47	18.4	47	47.0	14175	31275	1265	124	0.0	43.0	0.9
data7-7-45-04625.txt	7	7	45	53	2223.2	53	53.0	14175	31624	84187	657	0.2	48.0	1.1
data7-7-45-04626.txt	7	7	45	40	3.1	40	40.0	14175	31263	1	36	0.0	37.6	0.9
data7-7-45-04627.txt	7	7	45	46	69.4	46	46.0	14175	31715	1288	63	0.0	43.0	1.1
data7-7-45-04628.txt	7	7	45	44	185.5	45	44.0	14175	31341	1187	87	0.0	40.7	1.1
data7-7-45-04629.txt	7	7	45	40	22.8	40	40.0	14175	31613	1085	96	0.0	37.5	0.9
data7-7-45-04630.txt	7	7	45	41	2.7	41	41.0	14175	31398	1	65	0.0	39.0	0.6
data7-7-45-04631.txt	7	7	45	40	2.1	40	40.0	14175	31385	1	2	0.0	39.0	0.7
data7-7-45-04632.txt	7	7	45	44	4.8	44	44.0	14175	31358	1	13	0.0	40.0	0.7
data7-7-45-04633.txt	7	7	45	42	14.7	42	42.0	14175	31413	30	0	0.0	38.5	0.7
data7-7-45-04634.txt	7	7	45	35	2.7	35	35.0	14175	31453	1	5	0.0	33.5	0.6
data7-7-45-04635.txt	7	7	45	39	4.4	39	39.0	14175	31567	1	8	0.0	36.5	0.7
data7-7-45-04636.txt	7	7	45	43	4.8	43	43.0	14175	31588	1	38	0.0	40.1	0.9
data7-7-45-04637.txt	7	7	45	40	23.4	40	40.0	14175	31239	2268	27	0.0	35.5	0.6
data7-7-45-04638.txt	7	7	45	41	39.9	41	41.0	14175	31589	1316	52	0.0	36.2	0.8
data7-7-45-04639.txt	7	7	45	36	4.2	36	36.0	14175	31548	26	0	0.0	33.0	0.6
data7-7-45-04640.txt	7	7	45	43	34.1	43	43.0	14175	31643	2210	137	0.0	39.0	0.9
data7-7-45-04641.txt	7	7	45	48	75.5	48	48.0	14175	31803	891	28	0.0	42.8	1.1
data7-7-45-04642.txt	7	7	45	46	9.7	46	46.0	14175	31572	3	10	0.0	42.5	1.0
data7-7-45-04643.txt	7	7	45	35	2.6	35	35.0	14175	31335	1	0	0.0	32.0	0.5
data7-7-45-04644.txt	7	7	45	49	110.8	49	49.0	14175	31608	986	150	0.0	43.0	1.2
data7-7-45-04645.txt	7	7	45	43	43.8	43	43.0	14175	31289	725	46	0.0	37.5	0.7
data7-7-45-04646.txt	7	7	45	33	1.3	33	33.0	14175	31452	0	0	0.0	32.5	0.5
data7-7-45-04647.txt	7	7	45	46	104.0	46	46.0	14175	31451	2384	148	0.0	42.5	0.9
data7-7-45-04648.txt	7	7	45	34	2.0	34	34.0	14175	31524	1	10	0.0	32.4	0.5
data7-7-45-04649.txt	7	7	45	40	1.4	40	40.0	14175	31396	0	0	0.0	39.3	0.6
data7-7-45-04650.txt	7	7	45	44	26.6	44	44.0	14175	31270	1034	87	0.0	40.0	0.5
data7-7-45-04651.txt	7	7	45	41	6.2	41	41.0	14175	31624	1	0	0.0	38.0	0.9
data7-7-45-04652.txt	7	7	45	44	95.0	44	44.0	14175	31600	2244	22	0.0	39.0	1.2
data7-7-45-04653.txt	7	7	45	44	8.3	44	44.0	14175	31337	178	13	0.0	41.0	0.8
data7-7-45-04654.txt	7	7	45	40	5.1	40	40.0	14175	31305	551	138	0.0	38.0	0.7
data7-7-45-04655.txt	7	7	45	44	2.5	44	44.0	14175	31420	1	27	0.0	42.0	0.8
data7-7-45-04656.txt	7	7	45	39	1.4	39	39.0	14175	31286	1	52	0.0	38.0	0.5
data7-7-45-04657.txt	7	7	45	39	44.9	39	39.0	14175	31486	2089	27	0.0	32.7	0.7
data7-7-45-04658.txt	7	7	45	34	3.3	34	34.0	14175	31468	65	22	0.0	31.0	0.6
data7-7-45-04659.txt	7	7	45	42	37.5	42	42.0	14175	31511	1105	2	0.0	39.2	0.7
data7-7-45-04660.txt	7	7	45	43	12.4	43	43.0	14175	31486	1257	46	0.0	40.0	0.6
data7-7-45-04661.txt	7	7	45	37	1.8	37	37.0	14175	31488	1	5	0.0	35.6	0.6
data7-7-45-04662.txt	7	7	45	51	192.6	52	51.0	14175	31594	4006	278	0.1	46.0	1.6
data7-7-45-04663.txt	7	7	45	42	3.0	42	42.0	14175	31515	1	0	0.0	39.5	0.5
data7-7-45-04664.txt	7	7	45	33	2.2	33	33.0	14175	31463	1	4	0.0	31.5	0.8
data7-7-45-04665.txt	7	7	45	43	5.5	43	43.0	14175	31515	1	77	0.0	40.5	0.9
data7-7-45-04666.txt	7	7	45	42	77.4	42	42.0	14175	31375	2489	89	0.0	36.8	0.7
data7-7-45-04667.txt	7	7	45	35	14.6	35	35.0	14175	31307	750	88	0.0	32.5	0.7
data7-7-45-04668.txt	7	7	45	45	126.5	45	45.0	14175	31570	2040	139	0.0	40.1	0.8
data7-7-45-04669.txt	7	7	45	39	2.8	39	39.0	14175	31465	1	15	0.0	37.0	0.7
data7-7-45-04670.txt	7	7	45	34	4.7	34	34.0	14175	31280	1	6	0.0	31.5	0.7
data7-7-45-04671.txt	7	7	45	42	20.4	42	42.0	14175	31728	1087	109	0.0	38.0	0.7
data7-7-45-04672.txt	7	7	45	45	58.2	46	45.0	14175	31504	1337	50	0.0	38.6	0.9
data7-7-45-04673.txt	7	7	45	45	101.9	45	45.0	14175	31547	3128	22	0.0	41.5	1.1
data7-7-45-04674.txt	7	7	45	45	5.0	45	45.0	14175	31665	1	1	0.0	41.8	1.2
data7-7-45-04675.txt	7	7	45	38	33.2	38	38.0	14175	31673	1165	57	0.0	32.8	0.7
data7-7-45-04676.txt	7	7	45	49	15.4	49	49.0	14175	31557	491	28	0.0	41.2	0.8
data7-7-45-04677.txt	7	7	45	45	0.8	45	45.0	14175	31301	0	0	0.0	44.5	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-7-45-04678.txt	7	7	45	43	22.2	43	43.0	14175	31584	1045	137	0.0	41.0	1.0
data7-7-45-04679.txt	7	7	45	35	1.5	35	35.0	14175	31197	0	0	0.0	35.0	0.6
data7-7-45-04680.txt	7	7	45	41	8.3	41	41.0	14175	31770	89	40	0.0	39.0	0.9
data7-7-45-04681.txt	7	7	45	49	2.0	49	49.0	14175	31392	1	4	0.0	44.0	0.6
data7-7-45-04682.txt	7	7	45	38	3.1	38	38.0	14175	31392	1	2	0.0	35.0	0.6
data7-7-45-04683.txt	7	7	45	38	1.2	38	38.0	14175	31336	1	7	0.0	36.0	0.4
data7-7-45-04684.txt	7	7	45	50	17.0	51	50.0	14175	31473	457	84	0.0	47.0	1.0
data7-7-45-04685.txt	7	7	45	41	15.7	41	41.0	14175	31523	587	216	0.1	38.0	0.6
data7-7-45-04686.txt	7	7	45	40	31.0	41	40.0	14175	31502	1105	96	0.0	37.1	1.0
data7-7-45-04687.txt	7	7	45	37	7.0	37	37.0	14175	31202	232	37	0.0	35.0	0.7
data7-7-45-04688.txt	7	7	45	37	31.8	37	37.0	14175	31660	1890	48	0.0	32.8	0.7
data7-7-45-04689.txt	7	7	45	48	206.7	48	48.0	14175	31520	1222	75	0.0	42.6	1.3
data7-7-45-04690.txt	7	7	45	41	4.3	41	41.0	14175	31537	9	19	0.0	40.0	1.0
data7-7-45-04691.txt	7	7	45	44	48.4	44	44.0	14175	31611	4560	297	0.1	39.0	0.5
data7-7-45-04692.txt	7	7	45	39	12.7	39	39.0	14175	31331	817	23	0.0	34.0	0.6
data7-7-45-04693.txt	7	7	45	31	1.7	31	31.0	14175	31248	4	20	0.0	29.5	0.5
data7-7-45-04694.txt	7	7	45	51	2.8	51	51.0	14175	31511	1	23	0.0	48.0	0.9
data7-7-45-04695.txt	7	7	45	40	7.3	40	40.0	14175	31527	204	10	0.0	37.1	0.6
data7-7-45-04696.txt	7	7	45	44	3.9	44	44.0	14175	31578	63	47	0.0	43.0	1.0
data7-7-45-04697.txt	7	7	45	40	3.8	40	40.0	14175	31472	1	0	0.0	35.8	0.8
data7-7-45-04698.txt	7	7	45	46	3.6	46	46.0	14175	31383	1	95	0.0	45.0	1.7
data7-7-45-04699.txt	7	7	45	43	1.4	43	43.0	14175	31600	0	0	0.0	42.5	1.1
data7-7-45-04700.txt	7	7	45	50	1.9	50	50.0	14175	31550	0	0	0.0	49.5	1.3
data7-7-46-04701.txt	7	7	46	41	2.1	41	41.0	14812	32735	1	8	0.0	39.2	0.8
data7-7-46-04702.txt	7	7	46	51	34.7	51	51.0	14812	32973	1106	100	0.0	46.0	0.9
data7-7-46-04703.txt	7	7	46	44	31.2	44	44.0	14812	33008	2608	92	0.0	39.5	0.8
data7-7-46-04704.txt	7	7	46	33	0.8	33	33.0	14812	32535	0	0	0.0	33.0	0.4
data7-7-46-04705.txt	7	7	46	34	1.4	34	34.0	14812	32594	0	0	0.0	34.0	0.6
data7-7-46-04706.txt	7	7	46	43	2.0	43	43.0	14812	32897	1	11	0.0	40.7	0.7
data7-7-46-04707.txt	7	7	46	45	1.7	45	45.0	14812	32751	1	4	0.0	43.0	0.7
data7-7-46-04708.txt	7	7	46	32	1.1	32	32.0	14812	32615	1	1	0.0	28.9	0.5
data7-7-46-04709.txt	7	7	46	36	2.4	36	36.0	14812	32682	1	0	0.0	33.8	0.6
data7-7-46-04710.txt	7	7	46	44	34.8	44	44.0	14812	33111	1052	30	0.0	40.0	0.9
data7-7-46-04711.txt	7	7	46	33	1.6	33	33.0	14812	32633	0	0	0.0	32.0	0.5
data7-7-46-04712.txt	7	7	46	48	305.8	48	48.0	14812	32835	6222	225	0.1	44.2	1.0
data7-7-46-04713.txt	7	7	46	51	29.1	51	51.0	14812	32529	766	107	0.0	45.0	0.7
data7-7-46-04714.txt	7	7	46	39	18.5	39	39.0	14812	32696	1812	41	0.0	34.6	0.7
data7-7-46-04715.txt	7	7	46	38	7.7	38	38.0	14812	32725	446	73	0.0	35.0	0.5
data7-7-46-04716.txt	7	7	46	43	2.1	43	43.0	14812	32809	0	18	0.0	42.0	0.7
data7-7-46-04717.txt	7	7	46	39	1.3	39	39.0	14812	32787	0	0	0.0	38.5	0.5
data7-7-46-04718.txt	7	7	46	40	3.3	40	40.0	14812	32932	6	13	0.0	38.0	0.7
data7-7-46-04719.txt	7	7	46	46	7.6	46	46.0	14812	33013	463	54	0.0	43.0	0.7
data7-7-46-04720.txt	7	7	46	38	1.7	38	38.0	14812	32474	1	18	0.0	36.0	0.7
data7-7-46-04721.txt	7	7	46	47	2.8	47	47.0	14812	33001	0	0	0.0	45.5	1.1
data7-7-46-04722.txt	7	7	46	40	4.9	40	40.0	14812	32903	149	66	0.0	38.0	0.9
data7-7-46-04723.txt	7	7	46	44	7.2	44	44.0	14812	32876	522	171	0.0	42.0	0.7
data7-7-46-04724.txt	7	7	46	47	68.7	47	47.0	14812	32858	5979	172	0.0	41.0	0.9
data7-7-46-04725.txt	7	7	46	37	1.2	37	37.0	14812	32886	0	0	0.0	35.8	0.7
data7-7-46-04726.txt	7	7	46	48	29.3	48	48.0	14812	32877	2902	119	0.0	42.4	0.8
data7-7-46-04727.txt	7	7	46	46	16.5	46	46.0	14812	32712	790	91	0.0	40.7	0.8
data7-7-46-04728.txt	7	7	46	49	94.5	49	49.0	14812	32885	1859	161	0.1	44.0	1.4
data7-7-46-04729.txt	7	7	46	41	2.1	41	41.0	14812	33090	1	4	0.0	39.2	0.7
data7-7-46-04730.txt	7	7	46	40	34.2	40	40.0	14812	32812	1251	86	0.0	36.0	0.5
data7-7-46-04731.txt	7	7	46	46	6.6	46	46.0	14812	32949	62	7	0.0	42.5	0.9
data7-7-46-04732.txt	7	7	46	37	4.4	37	37.0	14812	32915	1	15	0.0	33.7	0.6
data7-7-46-04733.txt	7	7	46	40	62.7	40	40.0	14812	33054	2213	161	0.0	34.0	0.6
data7-7-46-04734.txt	7	7	46	41	1.5	41	41.0	14812	32862	0	0	0.0	40.0	0.5
data7-7-46-04735.txt	7	7	46	56	152.3	57	56.0	14812	32996	3382	235	0.1	48.5	1.0
data7-7-46-04736.txt	7	7	46	41	7.5	41	41.0	14812	32679	723	130	0.0	39.0	0.5
data7-7-46-04737.txt	7	7	46	47	24.8	47	47.0	14812	32577	1541	77	0.0	44.0	0.6
data7-7-46-04738.txt	7	7	46	40	2.3	40	40.0	14812	32907	1	4	0.0	38.0	0.6
data7-7-46-04739.txt	7	7	46	60	2204.0	60	60.0	14812	32971	88602	653	0.2	55.0	0.9
data7-7-46-04740.txt	7	7	46	39	6.2	39	39.0	14812	32669	1	1	0.0	36.5	0.8
data7-7-46-04741.txt	7	7	46	39	9.4	39	39.0	14812	32880	28	24	0.0	36.5	0.7
data7-7-46-04742.txt	7	7	46	39	1.3	39	39.0	14812	32718	0	0	0.0	38.5	0.6
data7-7-46-04743.txt	7	7	46	40	1.7	40	40.0	14812	32807	0	0	0.0	39.2	0.8
data7-7-46-04744.txt	7	7	46	32	2.5	32	32.0	14812	32686	132	28	0.0	29.0	0.5
data7-7-46-04745.txt	7	7	46	41	4.9	41	41.0	14812	32830	1	1	0.0	38.2	0.7
data7-7-46-04746.txt	7	7	46	54	227.9	54	54.0	14812	33013	2409	126	0.0	49.5	1.5
data7-7-46-04747.txt	7	7	46	47	95.7	47	47.0	14812	32846	1612	86	0.0	42.5	1.0

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-7-46-04748.txt	7	7	46	45	92.1	45	45.0	14812	33146	3739	245	0.1	41.8	1.1
data7-7-46-04749.txt	7	7	46	50	17.7	50	50.0	14812	32700	1102	27	0.0	48.0	0.8
data7-7-46-04750.txt	7	7	46	37	2.5	37	37.0	14812	32727	1	19	0.0	33.0	0.5
data7-7-46-04751.txt	7	7	46	34	1.9	34	34.0	14812	32809	0	3	0.0	33.0	0.6
data7-7-46-04752.txt	7	7	46	38	3.0	38	38.0	14812	32537	1	28	0.0	37.0	0.7
data7-7-46-04753.txt	7	7	46	39	3.0	39	39.0	14812	32842	1	8	0.0	36.5	0.6
data7-7-46-04754.txt	7	7	46	45	15.7	45	45.0	14812	33015	749	59	0.0	41.7	0.9
data7-7-46-04755.txt	7	7	46	35	0.6	35	35.0	14812	32625	0	0	0.0	35.0	0.4
data7-7-46-04756.txt	7	7	46	58	213.3	58	58.0	14812	32794	4515	74	0.0	49.5	1.6
data7-7-46-04757.txt	7	7	46	54	130.6	54	54.0	14812	32853	1915	206	0.1	47.3	1.5
data7-7-46-04758.txt	7	7	46	47	212.4	47	47.0	14812	32863	3715	172	0.0	37.0	0.9
data7-7-46-04759.txt	7	7	46	42	29.4	42	42.0	14812	33062	1893	65	0.0	38.3	0.8
data7-7-46-04760.txt	7	7	46	45	10.8	45	45.0	14812	33020	46	3	0.0	41.0	0.7
data7-7-46-04761.txt	7	7	46	39	1.0	39	39.0	14812	32653	0	0	0.0	37.5	0.5
data7-7-46-04762.txt	7	7	46	39	5.9	39	39.0	14812	32587	65	10	0.0	34.2	0.6
data7-7-46-04763.txt	7	7	46	44	5.7	44	44.0	14812	32707	275	22	0.0	40.5	0.5
data7-7-46-04764.txt	7	7	46	36	49.4	36	36.0	14812	32706	1304	0	0.0	34.0	1.0
data7-7-46-04765.txt	7	7	46	34	2.9	34	34.0	14812	32596	1	1	0.0	32.0	0.5
data7-7-46-04766.txt	7	7	46	52	77.7	52	52.0	14812	32966	1708	218	0.1	45.0	0.9
data7-7-46-04767.txt	7	7	46	47	5.5	47	47.0	14812	33033	1	5	0.0	43.8	0.8
data7-7-46-04768.txt	7	7	46	52	81.9	53	52.0	14812	33082	1706	198	0.1	50.0	1.3
data7-7-46-04769.txt	7	7	46	44	27.6	44	44.0	14812	32650	1514	22	0.0	38.7	0.7
data7-7-46-04770.txt	7	7	46	24	0.9	24	24.0	14812	32496	0	0	0.0	24.0	0.3
data7-7-46-04771.txt	7	7	46	52	257.9	52	52.0	14812	33207	3223	51	0.0	42.0	1.4
data7-7-46-04772.txt	7	7	46	29	1.2	29	29.0	14812	32765	0	0	0.0	29.0	0.4
data7-7-46-04773.txt	7	7	46	43	194.1	45	43.0	14812	32947	1521	316	0.1	40.5	1.0
data7-7-46-04774.txt	7	7	46	41	349.8	41	41.0	14812	33163	3197	112	0.0	36.4	1.0
data7-7-46-04775.txt	7	7	46	43	3.6	43	43.0	14812	32686	1	0	0.0	40.8	0.9
data7-7-46-04776.txt	7	7	46	45	3.6	45	45.0	14812	33200	0	0	0.0	44.0	1.1
data7-7-46-04777.txt	7	7	46	42	4.3	42	42.0	14812	33026	5	18	0.0	39.2	1.1
data7-7-46-04778.txt	7	7	46	37	5.8	37	37.0	14812	32688	475	23	0.0	34.4	0.5
data7-7-46-04779.txt	7	7	46	45	17.9	45	45.0	14812	32964	1269	6	0.0	40.6	0.8
data7-7-46-04780.txt	7	7	46	38	7.5	38	38.0	14812	32849	229	19	0.0	35.2	0.7
data7-7-46-04781.txt	7	7	46	47	10.7	48	47.0	14812	32859	226	299	0.1	45.3	1.3
data7-7-46-04782.txt	7	7	46	47	3.0	47	47.0	14812	32664	1	20	0.0	44.0	0.7
data7-7-46-04783.txt	7	7	46	45	73.4	45	45.0	14812	32991	2777	0	0.0	39.5	1.3
data7-7-46-04784.txt	7	7	46	35	5.1	35	35.0	14812	32782	29	5	0.0	32.5	0.6
data7-7-46-04785.txt	7	7	46	46	45.6	46	46.0	14812	32986	3199	134	0.0	42.0	0.8
data7-7-46-04786.txt	7	7	46	44	26.6	44	44.0	14812	32751	1355	30	0.0	40.0	0.7
data7-7-46-04787.txt	7	7	46	30	0.7	30	30.0	14812	32710	1	5	0.0	29.0	0.4
data7-7-46-04788.txt	7	7	46	49	18.7	49	49.0	14812	33274	669	80	0.0	44.5	1.5
data7-7-46-04789.txt	7	7	46	54	24.0	54	54.0	14812	32988	2589	140	0.1	49.5	1.3
data7-7-46-04790.txt	7	7	46	45	6.7	45	45.0	14812	32867	1	2	0.0	41.5	0.9
data7-7-46-04791.txt	7	7	46	42	4.7	42	42.0	14812	32696	1	19	0.0	40.2	0.5
data7-7-46-04792.txt	7	7	46	42	2.5	42	42.0	14812	32949	0	0	0.0	40.5	0.9
data7-7-46-04793.txt	7	7	46	38	3.4	38	38.0	14812	32880	6	34	0.0	36.0	0.6
data7-7-46-04794.txt	7	7	46	42	56.1	42	42.0	14812	32989	1702	15	0.0	38.2	0.8
data7-7-46-04795.txt	7	7	46	41	3.1	41	41.0	14812	33091	1	2	0.0	39.5	0.8
data7-7-46-04796.txt	7	7	46	38	211.8	38	38.0	14812	32913	10044	249	0.1	34.0	0.6
data7-7-46-04797.txt	7	7	46	30	1.3	30	30.0	14812	32728	0	0	0.0	29.1	0.5
data7-7-46-04798.txt	7	7	46	35	1.6	35	35.0	14812	32617	0	0	0.0	35.0	0.6
data7-7-46-04799.txt	7	7	46	42	51.1	42	42.0	14812	32972	1153	3	0.0	38.0	0.8
data7-7-46-04800.txt	7	7	46	33	2.5	34	33.0	14812	32672	1	5	0.0	32.0	0.7
data7-7-47-04801.txt	7	7	47	44	6.4	44	44.0	15463	34354	1	5	0.0	39.5	1.0
data7-7-47-04802.txt	7	7	47	40	7.0	40	40.0	15463	34359	32	24	0.0	38.0	0.7
data7-7-47-04803.txt	7	7	47	44	6.5	44	44.0	15463	34157	1	31	0.0	40.2	0.8
data7-7-47-04804.txt	7	7	47	46	8.3	46	46.0	15463	34363	228	14	0.0	43.2	0.9
data7-7-47-04805.txt	7	7	47	51	3.0	51	51.0	15463	34465	0	7	0.0	50.0	0.7
data7-7-47-04806.txt	7	7	47	48	5.3	49	48.0	15463	34298	8	3	0.0	45.0	1.1
data7-7-47-04807.txt	7	7	47	51	150.5	51	51.0	15463	34541	2827	106	0.0	45.2	1.3
data7-7-47-04808.txt	7	7	47	51	340.5	51	51.0	15463	34305	4361	104	0.0	47.5	1.5
data7-7-47-04809.txt	7	7	47	45	60.6	45	45.0	15463	34337	1219	75	0.0	40.0	1.4
data7-7-47-04810.txt	7	7	47	51	33.4	51	51.0	15463	34391	4793	21	0.0	44.5	0.8
data7-7-47-04811.txt	7	7	47	37	5.4	37	37.0	15463	34124	34	42	0.0	35.0	0.7
data7-7-47-04812.txt	7	7	47	32	1.1	32	32.0	15463	33922	0	0	0.0	31.5	0.4
data7-7-47-04813.txt	7	7	47	47	3.7	47	47.0	15463	34222	1	4	0.0	44.5	0.8
data7-7-47-04814.txt	7	7	47	44	29.1	44	44.0	15463	34392	2084	139	0.0	41.0	0.8
data7-7-47-04815.txt	7	7	47	49	74.2	49	49.0	15463	34465	1999	125	0.1	44.0	0.9
data7-7-47-04816.txt	7	7	47	50	149.4	50	50.0	15463	34505	4323	311	0.1	41.0	1.0
data7-7-47-04817.txt	7	7	47	39	9.2	40	39.0	15463	34249	460	118	0.0	36.7	0.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-7-47-04818.txt	7	7	47	48	74.7	48	48.0	15463	34368	1847	77	0.0	45.0	1.0
data7-7-47-04819.txt	7	7	47	46	6.3	46	46.0	15463	34166	1	4	0.0	44.5	1.2
data7-7-47-04820.txt	7	7	47	42	15.3	42	42.0	15463	34275	1150	72	0.0	38.7	0.7
data7-7-47-04821.txt	7	7	47	43	4.6	43	43.0	15463	34400	9	0	0.0	41.2	0.8
data7-7-47-04822.txt	7	7	47	36	2.6	36	36.0	15463	34391	1	2	0.0	33.5	0.5
data7-7-47-04823.txt	7	7	47	37	8.7	37	37.0	15463	34260	31	1	0.0	34.5	0.6
data7-7-47-04824.txt	7	7	47	58	56.1	58	58.0	15463	34529	1328	159	0.1	54.5	1.9
data7-7-47-04825.txt	7	7	47	47	5.6	47	47.0	15463	34109	1	8	0.0	42.5	0.8
data7-7-47-04826.txt	7	7	47	45	28.2	45	45.0	15463	34220	2686	47	0.0	40.0	0.7
data7-7-47-04827.txt	7	7	47	48	144.1	48	48.0	15463	34530	1058	75	0.0	40.7	1.3
data7-7-47-04828.txt	7	7	47	46	38.3	46	46.0	15463	34319	1477	32	0.0	43.0	0.7
data7-7-47-04829.txt	7	7	47	43	3.4	43	43.0	15463	34313	1	26	0.0	42.0	0.9
data7-7-47-04830.txt	7	7	47	42	4.1	42	42.0	15463	34293	33	59	0.0	41.0	0.7
data7-7-47-04831.txt	7	7	47	32	1.0	32	32.0	15463	33948	0	0	0.0	32.0	0.5
data7-7-47-04832.txt	7	7	47	43	17.0	43	43.0	15463	34208	579	12	0.0	40.2	1.0
data7-7-47-04833.txt	7	7	47	51	103.9	51	51.0	15463	34427	2014	152	0.1	47.5	0.9
data7-7-47-04834.txt	7	7	47	47	13.0	47	47.0	15463	34414	246	8	0.0	44.5	1.2
data7-7-47-04835.txt	7	7	47	43	5.5	43	43.0	15463	34371	1	0	0.0	41.0	0.7
data7-7-47-04836.txt	7	7	47	35	2.7	35	35.0	15463	34098	1	0	0.0	32.5	0.6
data7-7-47-04837.txt	7	7	47	39	4.0	40	39.0	15463	34040	63	54	0.0	37.5	0.7
data7-7-47-04838.txt	7	7	47	44	1.6	44	44.0	15463	34002	1	42	0.0	42.5	0.7
data7-7-47-04839.txt	7	7	47	51	4.5	51	51.0	15463	34346	1	66	0.0	48.0	0.9
data7-7-47-04840.txt	7	7	47	41	7.7	41	41.0	15463	34325	291	45	0.0	35.0	0.7
data7-7-47-04841.txt	7	7	47	38	2.1	38	38.0	15463	34103	1	9	0.0	36.0	0.7
data7-7-47-04842.txt	7	7	47	46	51.8	46	46.0	15463	34311	2512	12	0.0	43.0	0.9
data7-7-47-04843.txt	7	7	47	45	408.3	45	45.0	15463	34126	17101	332	0.1	43.0	1.2
data7-7-47-04844.txt	7	7	47	46	1.1	46	46.0	15463	33996	0	0	0.0	46.0	0.9
data7-7-47-04845.txt	7	7	47	51	2.8	51	51.0	15463	34476	1	16	0.0	49.2	1.2
data7-7-47-04846.txt	7	7	47	46	3.6	46	46.0	15463	34502	1	29	0.0	43.0	0.8
data7-7-47-04847.txt	7	7	47	41	2.6	41	41.0	15463	34108	1	7	0.0	39.0	0.7
data7-7-47-04848.txt	7	7	47	46	1.3	46	46.0	15463	34335	0	4	0.0	44.7	0.7
data7-7-47-04849.txt	7	7	47	53	39.0	53	53.0	15463	34423	956	195	0.1	50.0	1.1
data7-7-47-04850.txt	7	7	47	44	3.6	44	44.0	15463	34254	1	22	0.0	43.0	1.0
data7-7-47-04851.txt	7	7	47	49	298.4	50	49.0	15463	34442	3723	240	0.1	44.2	1.4
data7-7-47-04852.txt	7	7	47	49	145.3	49	49.0	15463	34585	1198	178	0.1	42.0	0.8
data7-7-47-04853.txt	7	7	47	49	33.2	50	49.0	15463	34499	1100	141	0.0	47.0	0.9
data7-7-47-04854.txt	7	7	47	45	105.1	45	45.0	15463	34367	3030	22	0.0	41.2	1.2
data7-7-47-04855.txt	7	7	47	42	82.6	42	42.0	15463	34432	4031	139	0.0	38.0	0.8
data7-7-47-04856.txt	7	7	47	43	1.8	43	43.0	15463	34107	0	1	0.0	42.0	0.6
data7-7-47-04857.txt	7	7	47	53	30.9	53	53.0	15463	34485	1144	218	0.1	49.0	1.0
data7-7-47-04858.txt	7	7	47	44	4.3	44	44.0	15463	34544	1	2	0.0	43.0	1.1
data7-7-47-04859.txt	7	7	47	39	2.1	39	39.0	15463	34190	1	8	0.0	37.5	0.5
data7-7-47-04860.txt	7	7	47	40	3.0	40	40.0	15463	34163	1	4	0.0	37.5	0.8
data7-7-47-04861.txt	7	7	47	39	1.8	39	39.0	15463	33963	1	17	0.0	38.0	0.5
data7-7-47-04862.txt	7	7	47	50	55.3	50	50.0	15463	33996	1540	155	0.0	45.0	0.8
data7-7-47-04863.txt	7	7	47	43	137.9	43	43.0	15463	34173	2131	97	0.0	40.5	1.0
data7-7-47-04864.txt	7	7	47	36	1.7	36	36.0	15463	34268	0	5	0.0	34.0	0.7
data7-7-47-04865.txt	7	7	47	40	3.9	40	40.0	15463	34307	1	4	0.0	37.5	0.7
data7-7-47-04866.txt	7	7	47	37	8.6	38	37.0	15463	34419	931	32	0.0	34.0	0.5
data7-7-47-04867.txt	7	7	47	40	1.9	40	40.0	15463	34121	0	1	0.0	39.0	0.6
data7-7-47-04868.txt	7	7	47	44	88.5	44	44.0	15463	34483	1417	44	0.0	40.3	1.1
data7-7-47-04869.txt	7	7	47	50	5.3	50	50.0	15463	34472	1	9	0.0	46.3	1.2
data7-7-47-04870.txt	7	7	47	44	4.4	44	44.0	15463	34101	1	33	0.0	42.0	0.8
data7-7-47-04871.txt	7	7	47	57	489.2	58	57.0	15463	34521	1602	451	0.2	50.2	2.2
data7-7-47-04872.txt	7	7	47	36	2.3	36	36.0	15463	33981	1	0	0.0	34.3	0.6
data7-7-47-04873.txt	7	7	47	43	33.5	43	43.0	15463	34327	423	64	0.0	40.0	1.1
data7-7-47-04874.txt	7	7	47	50	75.7	51	50.0	15463	34573	3068	102	0.0	45.0	0.9
data7-7-47-04875.txt	7	7	47	52	9.3	52	52.0	15463	34177	357	26	0.0	47.0	0.7
data7-7-47-04876.txt	7	7	47	47	480.9	48	47.0	15463	34202	16926	338	0.1	40.1	1.4
data7-7-47-04877.txt	7	7	47	56	74.0	56	56.0	15463	34506	1538	134	0.0	47.5	1.3
data7-7-47-04878.txt	7	7	47	49	165.4	49	49.0	15463	34525	6084	300	0.1	44.0	1.6
data7-7-47-04879.txt	7	7	47	44	26.1	44	44.0	15463	34236	2289	69	0.0	39.3	0.7
data7-7-47-04880.txt	7	7	47	50	12.7	50	50.0	15463	34400	797	234	0.1	48.0	1.5
data7-7-47-04881.txt	7	7	47	50	63.7	50	50.0	15463	34251	1395	124	0.1	40.8	0.8
data7-7-47-04882.txt	7	7	47	42	29.0	42	42.0	15463	34324	1368	45	0.0	37.0	0.9
data7-7-47-04883.txt	7	7	47	44	234.6	45	44.0	15463	34134	2818	211	0.1	38.5	1.0
data7-7-47-04884.txt	7	7	47	38	1.2	38	38.0	15463	34255	1	9	0.0	36.0	0.7
data7-7-47-04885.txt	7	7	47	43	9.9	43	43.0	15463	34472	588	27	0.0	39.0	0.6
data7-7-47-04886.txt	7	7	47	48	375.9	48	48.0	15463	34577	4718	109	0.0	45.0	1.6
data7-7-47-04887.txt	7	7	47	52	152.2	53	52.0	15463	34383	1645	210	0.1	47.0	1.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-7-47-04888.txt	7	7	47	52	103.6	53	52.0	15463	34178	1531	307	0.1	47.8	1.2
data7-7-47-04889.txt	7	7	47	52	71.0	52	52.0	15463	34441	1650	58	0.0	46.0	0.7
data7-7-47-04890.txt	7	7	47	44	5.9	44	44.0	15463	34329	7	0	0.0	40.5	0.8
data7-7-47-04891.txt	7	7	47	48	23.8	48	48.0	15463	34098	1539	33	0.0	45.3	0.8
data7-7-47-04892.txt	7	7	47	39	10.1	40	39.0	15463	34147	752	148	0.1	37.0	0.7
data7-7-47-04893.txt	7	7	47	47	2.0	47	47.0	15463	34466	577	178	0.0	46.0	0.9
data7-7-47-04894.txt	7	7	47	59	111.0	59	59.0	15463	34470	6830	255	0.1	57.0	1.0
data7-7-47-04895.txt	7	7	47	39	1.6	39	39.0	15463	34216	1	11	0.0	38.0	0.6
data7-7-47-04896.txt	7	7	47	41	4.1	41	41.0	15463	34186	17	2	0.0	36.5	0.6
data7-7-47-04897.txt	7	7	47	41	3.8	42	41.0	15463	34402	22	40	0.0	38.0	0.6
data7-7-47-04898.txt	7	7	47	41	5.3	41	41.0	15463	34055	1	9	0.0	36.7	0.6
data7-7-47-04899.txt	7	7	47	40	2.7	40	40.0	15463	34256	147	110	0.0	39.0	0.7
data7-7-47-04900.txt	7	7	47	42	2.9	42	42.0	15463	34112	2	81	0.0	41.0	0.8
data7-7-48-04901.txt	7	7	48	52	10.6	52	52.0	16128	35838	194	60	0.0	46.6	1.0
data7-7-48-04902.txt	7	7	48	55	4.7	55	55.0	16128	35637	1	28	0.0	47.8	0.7
data7-7-48-04903.txt	7	7	48	48	1.9	48	48.0	16128	35663	0	0	0.0	47.5	0.8
data7-7-48-04904.txt	7	7	48	44	1.7	44	44.0	16128	35783	0	0	0.0	44.0	0.8
data7-7-48-04905.txt	7	7	48	45	15.8	45	45.0	16128	35890	650	8	0.0	41.0	0.8
data7-7-48-04906.txt	7	7	48	43	2.5	43	43.0	16128	35668	1	4	0.0	41.0	0.9
data7-7-48-04907.txt	7	7	48	47	39.9	48	47.0	16128	35574	1302	187	0.1	43.9	1.1
data7-7-48-04908.txt	7	7	48	42	3.1	42	42.0	16128	35505	0	0	0.0	41.0	1.1
data7-7-48-04909.txt	7	7	48	52	335.7	53	52.0	16128	36099	6787	343	0.1	47.0	1.0
data7-7-48-04910.txt	7	7	48	41	3.8	41	41.0	16128	35522	1	16	0.0	39.0	0.5
data7-7-48-04911.txt	7	7	48	44	2.7	44	44.0	16128	35704	1	8	0.0	43.0	0.7
data7-7-48-04912.txt	7	7	48	44	86.1	45	44.0	16128	35610	1921	228	0.1	40.0	0.8
data7-7-48-04913.txt	7	7	48	46	4.0	46	46.0	16128	35972	1	62	0.0	44.0	0.9
data7-7-48-04914.txt	7	7	48	50	4.2	50	50.0	16128	35439	101	17	0.0	45.0	0.7
data7-7-48-04915.txt	7	7	48	39	1.5	39	39.0	16128	35752	0	0	0.0	39.0	0.6
data7-7-48-04916.txt	7	7	48	43	106.9	44	43.0	16128	35624	4421	128	0.0	38.3	1.1
data7-7-48-04917.txt	7	7	48	40	3.5	40	40.0	16128	35544	1	0	0.0	37.0	0.8
data7-7-48-04918.txt	7	7	48	43	45.6	43	43.0	16128	35605	3268	199	0.1	37.5	0.8
data7-7-48-04919.txt	7	7	48	45	4.5	45	45.0	16128	35665	1	51	0.0	42.0	0.6
data7-7-48-04920.txt	7	7	48	44	3.3	44	44.0	16128	35550	1	44	0.0	42.0	0.9
data7-7-48-04921.txt	7	7	48	50	170.8	50	50.0	16128	35579	1530	155	0.1	43.0	1.4
data7-7-48-04922.txt	7	7	48	45	6.4	45	45.0	16128	35667	48	27	0.0	41.7	0.9
data7-7-48-04923.txt	7	7	48	44	40.3	44	44.0	16128	35986	993	19	0.0	40.5	1.1
data7-7-48-04924.txt	7	7	48	55	60.9	55	55.0	16128	35737	950	41	0.0	48.0	1.4
data7-7-48-04925.txt	7	7	48	38	4.1	38	38.0	16128	35685	1	0	0.0	36.0	0.9
data7-7-48-04926.txt	7	7	48	54	139.5	54	54.0	16128	35869	2267	300	0.1	48.5	1.2
data7-7-48-04927.txt	7	7	48	40	9.5	40	40.0	16128	35785	107	14	0.0	36.8	0.6
data7-7-48-04928.txt	7	7	48	43	4.6	43	43.0	16128	35639	53	48	0.0	41.0	0.7
data7-7-48-04929.txt	7	7	48	41	18.3	41	41.0	16128	35426	464	21	0.0	39.0	0.9
data7-7-48-04930.txt	7	7	48	43	3.5	43	43.0	16128	35841	1	4	0.0	41.5	0.8
data7-7-48-04931.txt	7	7	48	39	5.3	39	39.0	16128	35815	51	9	0.0	35.2	0.8
data7-7-48-04932.txt	7	7	48	50	13.1	50	50.0	16128	35923	271	103	0.0	44.2	0.9
data7-7-48-04933.txt	7	7	48	52	18.6	52	52.0	16128	35632	325	40	0.0	47.2	0.8
data7-7-48-04934.txt	7	7	48	51	510.4	51	51.0	16128	35884	12353	265	0.1	43.5	1.0
data7-7-48-04935.txt	7	7	48	49	42.2	49	49.0	16128	35653	1026	93	0.0	40.5	0.6
data7-7-48-04936.txt	7	7	48	48	103.9	48	48.0	16128	35679	5585	265	0.1	42.5	0.9
data7-7-48-04937.txt	7	7	48	37	1.8	37	37.0	16128	35630	1	2	0.0	36.0	0.6
data7-7-48-04938.txt	7	7	48	40	2.1	40	40.0	16128	35781	1	1	0.0	38.5	0.7
data7-7-48-04939.txt	7	7	48	45	10.2	45	45.0	16128	35778	134	0	0.0	39.5	0.9
data7-7-48-04940.txt	7	7	48	38	1.5	38	38.0	16128	35592	0	0	0.0	36.5	0.8
data7-7-48-04941.txt	7	7	48	49	104.7	49	49.0	16128	35654	7023	205	0.1	41.1	0.8
data7-7-48-04942.txt	7	7	48	45	9.6	46	45.0	16128	35887	178	96	0.0	43.0	0.8
data7-7-48-04943.txt	7	7	48	45	25.2	45	45.0	16128	35936	1049	112	0.0	41.5	0.9
data7-7-48-04944.txt	7	7	48	52	3.5	53	52.0	16128	35978	89	122	0.0	48.5	1.1
data7-7-48-04945.txt	7	7	48	46	32.7	46	46.0	16128	35641	2247	111	0.0	42.0	0.7
data7-7-48-04946.txt	7	7	48	49	2.9	49	49.0	16128	35655	23	22	0.0	45.0	0.7
data7-7-48-04947.txt	7	7	48	40	13.1	40	40.0	16128	35716	400	12	0.0	36.0	0.8
data7-7-48-04948.txt	7	7	48	43	87.9	43	43.0	16128	36036	1746	136	0.1	40.2	1.3
data7-7-48-04949.txt	7	7	48	46	4.7	46	46.0	16128	35661	59	74	0.0	44.0	0.7
data7-7-48-04950.txt	7	7	48	43	4.5	43	43.0	16128	35607	1	0	0.0	40.5	1.2
data7-7-48-04951.txt	7	7	48	40	1.8	40	40.0	16128	35626	1	8	0.0	39.0	0.5
data7-7-48-04952.txt	7	7	48	46	81.4	47	46.0	16128	35751	2115	204	0.1	43.5	0.7
data7-7-48-04953.txt	7	7	48	45	45.4	45	45.0	16128	35625	2879	57	0.0	40.1	0.9
data7-7-48-04954.txt	7	7	48	32	1.1	32	32.0	16128	35345	1	1	0.0	30.3	0.4
data7-7-48-04955.txt	7	7	48	38	2.2	38	38.0	16128	35631	0	0	0.0	37.0	0.6
data7-7-48-04956.txt	7	7	48	45	68.1	46	45.0	16128	35614	812	58	0.0	42.0	1.0
data7-7-48-04957.txt	7	7	48	35	1.7	35	35.0	16128	35791	1	3	0.0	33.5	0.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-7-48-04958.txt	7	7	48	49	29.8	49	49.0	16128	35789	1031	35	0.0	42.7	0.8
data7-7-48-04959.txt	7	7	48	49	34.4	49	49.0	16128	35644	1170	21	0.0	43.3	1.0
data7-7-48-04960.txt	7	7	48	41	8.1	42	41.0	16128	35690	591	98	0.0	39.0	0.7
data7-7-48-04961.txt	7	7	48	54	58.4	54	54.0	16128	35958	1387	163	0.0	50.0	1.2
data7-7-48-04962.txt	7	7	48	40	92.7	40	40.0	16128	35979	2305	27	0.0	35.0	0.8
data7-7-48-04963.txt	7	7	48	41	6.3	41	41.0	16128	35989	1	15	0.0	39.0	1.0
data7-7-48-04964.txt	7	7	48	44	3.9	44	44.0	16128	35671	1	10	0.0	41.5	0.8
data7-7-48-04965.txt	7	7	48	37	0.8	37	37.0	16128	35609	0	0	0.0	37.0	0.6
data7-7-48-04966.txt	7	7	48	36	0.7	36	36.0	16128	35399	0	0	0.0	36.0	0.4
data7-7-48-04967.txt	7	7	48	40	1.0	40	40.0	16128	35627	0	0	0.0	38.5	0.5
data7-7-48-04968.txt	7	7	48	51	5.6	51	51.0	16128	35649	1	3	0.0	48.5	1.0
data7-7-48-04969.txt	7	7	48	50	5.0	50	50.0	16128	35470	20	19	0.0	47.5	1.1
data7-7-48-04970.txt	7	7	48	52	942.0	53	52.0	16128	35818	14943	451	0.2	48.1	1.3
data7-7-48-04971.txt	7	7	48	39	4.7	39	39.0	16128	35745	1	27	0.0	35.5	0.7
data7-7-48-04972.txt	7	7	48	37	1.5	37	37.0	16128	35556	0	0	0.0	36.0	0.6
data7-7-48-04973.txt	7	7	48	53	170.5	53	53.0	16128	35803	3698	163	0.1	49.0	1.2
data7-7-48-04974.txt	7	7	48	55	5.4	55	55.0	16128	35814	212	131	0.0	53.0	0.9
data7-7-48-04975.txt	7	7	48	61	1531.7	61	61.0	16128	35796	28952	832	0.2	50.0	1.2
data7-7-48-04976.txt	7	7	48	43	1.8	43	43.0	16128	35673	0	3	0.0	42.0	0.7
data7-7-48-04977.txt	7	7	48	50	2.7	50	50.0	16128	35601	1	17	0.0	48.0	1.0
data7-7-48-04978.txt	7	7	48	45	29.9	45	45.0	16128	35607	1126	89	0.0	42.0	0.6
data7-7-48-04979.txt	7	7	48	43	16.8	43	43.0	16128	35502	1154	141	0.0	36.5	0.7
data7-7-48-04980.txt	7	7	48	44	4.8	44	44.0	16128	35889	1	38	0.0	43.0	1.3
data7-7-48-04981.txt	7	7	48	49	127.5	49	49.0	16128	35728	2819	230	0.1	43.5	1.0
data7-7-48-04982.txt	7	7	48	58	3600.7	58	57.0	16128	35901	67281	854	0.4	53.0	1.3
data7-7-48-04983.txt	7	7	48	42	68.0	42	42.0	16128	35824	2987	139	0.0	36.0	0.7
data7-7-48-04984.txt	7	7	48	43	4.4	43	43.0	16128	35460	16	35	0.0	41.0	0.8
data7-7-48-04985.txt	7	7	48	50	12.1	50	50.0	16128	35737	196	36	0.0	44.5	0.8
data7-7-48-04986.txt	7	7	48	42	1.6	42	42.0	16128	35433	0	0	0.0	41.5	0.5
data7-7-48-04987.txt	7	7	48	44	134.3	44	44.0	16128	35745	2571	12	0.0	40.5	1.0
data7-7-48-04988.txt	7	7	48	39	1.4	39	39.0	16128	35616	0	0	0.0	38.3	0.7
data7-7-48-04989.txt	7	7	48	40	2.0	40	40.0	16128	35525	12	27	0.0	38.0	0.6
data7-7-48-04990.txt	7	7	48	46	3.1	46	46.0	16128	35629	1	30	0.0	45.0	0.8
data7-7-48-04991.txt	7	7	48	33	2.9	33	33.0	16128	35285	1	0	0.0	31.0	0.5
data7-7-48-04992.txt	7	7	48	39	25.0	39	39.0	16128	35554	1622	52	0.0	34.5	0.7
data7-7-48-04993.txt	7	7	48	43	3.0	43	43.0	16128	35630	1	1	0.0	41.5	0.9
data7-7-48-04994.txt	7	7	48	43	3.0	43	43.0	16128	35496	42	59	0.0	41.0	0.6
data7-7-48-04995.txt	7	7	48	52	79.8	53	52.0	16128	35904	1602	149	0.1	47.5	1.1
data7-7-48-04996.txt	7	7	48	44	51.7	44	44.0	16128	35584	1529	122	0.0	40.0	0.8
data7-7-48-04997.txt	7	7	48	51	62.8	51	51.0	16128	35684	1279	84	0.0	47.5	1.0
data7-7-48-04998.txt	7	7	48	42	3.0	42	42.0	16128	35841	1	34	0.0	40.0	0.8
data7-7-48-04999.txt	7	7	48	43	2.2	43	43.0	16128	35676	1	15	0.0	41.8	0.6
data7-7-48-05000.txt	7	7	48	42	6.4	42	42.0	16128	35738	31	13	0.0	38.5	0.7
data7-8-49-06801.txt	8	7	49	45	7.8	46	45.0	19208	42655	14	58	0.0	45.0	2.8
data7-8-49-06802.txt	8	7	49	46	48.4	46	46.0	19208	42730	1179	2	0.0	41.1	1.4
data7-8-49-06803.txt	8	7	49	40	3.5	40	40.0	19208	42269	5	12	0.0	38.3	1.1
data7-8-49-06804.txt	8	7	49	28	1.1	28	28.0	19208	42031	0	0	0.0	27.0	0.7
data7-8-49-06805.txt	8	7	49	41	91.5	41	41.0	19208	42608	2347	49	0.0	35.8	1.1
data7-8-49-06806.txt	8	7	49	39	3.4	39	39.0	19208	42720	1	0	0.0	37.5	1.2
data7-8-49-06807.txt	8	7	49	37	1.2	37	37.0	19208	42290	0	2	0.0	36.0	0.8
data7-8-49-06808.txt	8	7	49	41	1.5	41	41.0	19208	42293	0	0	0.0	41.0	1.3
data7-8-49-06809.txt	8	7	49	46	5.2	46	46.0	19208	42314	16	7	0.0	44.0	1.3
data7-8-49-06810.txt	8	7	49	38	1.2	38	38.0	19208	41877	0	0	0.0	38.0	0.7
data7-8-49-06811.txt	8	7	49	38	5.8	38	38.0	19208	42642	28	27	0.0	35.0	0.9
data7-8-49-06812.txt	8	7	49	40	7.3	40	40.0	19208	42567	1	0	0.0	33.5	1.0
data7-8-49-06813.txt	8	7	49	43	138.7	43	43.0	19208	42740	2238	108	0.0	38.4	1.0
data7-8-49-06814.txt	8	7	49	41	2.3	41	41.0	19208	42618	0	0	0.0	39.3	1.2
data7-8-49-06815.txt	8	7	49	40	1.9	40	40.0	19208	42135	1	6	0.0	38.0	0.8
data7-8-49-06816.txt	8	7	49	42	75.2	42	42.0	19208	42424	1280	15	0.0	39.2	1.3
data7-8-49-06817.txt	8	7	49	38	2.4	38	38.0	19208	42260	1	0	0.0	34.5	0.7
data7-8-49-06818.txt	8	7	49	42	2.3	42	42.0	19208	42914	1	25	0.0	41.0	1.0
data7-8-49-06819.txt	8	7	49	49	5.2	49	49.0	19208	42763	1	6	0.0	45.8	2.4
data7-8-49-06820.txt	8	7	49	37	3.2	37	37.0	19208	42533	3	5	0.0	33.0	0.8
data7-8-49-06821.txt	8	7	49	47	114.1	47	47.0	19208	42713	7665	125	0.0	44.0	1.4
data7-8-49-06822.txt	8	7	49	40	25.7	40	40.0	19208	42271	953	40	0.0	38.0	1.1
data7-8-49-06823.txt	8	7	49	41	2.9	42	41.0	19208	42413	1	18	0.0	40.5	1.2
data7-8-49-06824.txt	8	7	49	44	1.6	44	44.0	19208	42534	0	0	0.0	43.5	1.0
data7-8-49-06825.txt	8	7	49	35	1.6	35	35.0	19208	42356	0	0	0.0	33.5	1.0
data7-8-49-06826.txt	8	7	49	40	2.1	40	40.0	19208	42309	0	0	0.0	38.5	1.0
data7-8-49-06827.txt	8	7	49	43	1262.7	44	43.0	19208	42732	69857	193	0.1	37.5	1.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-49-06828.txt	8	7	49	43	32.8	43	43.0	19208	42554	1261	12	0.0	40.0	1.1
data7-8-49-06829.txt	8	7	49	39	3.2	39	39.0	19208	42351	0	0	0.0	37.5	1.1
data7-8-49-06830.txt	8	7	49	47	195.3	49	47.0	19208	42643	1107	211	0.1	42.0	2.0
data7-8-49-06831.txt	8	7	49	37	30.2	37	37.0	19208	42354	917	14	0.0	34.2	1.1
data7-8-49-06832.txt	8	7	49	35	2.9	35	35.0	19208	42123	22	24	0.0	33.0	0.7
data7-8-49-06833.txt	8	7	49	48	10.1	48	48.0	19208	42644	384	55	0.0	45.2	1.6
data7-8-49-06834.txt	8	7	49	40	2.9	40	40.0	19208	42449	0	0	0.0	38.5	1.1
data7-8-49-06835.txt	8	7	49	39	1.6	39	39.0	19208	42096	0	0	0.0	39.0	0.7
data7-8-49-06836.txt	8	7	49	43	5.3	43	43.0	19208	42375	1	0	0.0	40.5	1.1
data7-8-49-06837.txt	8	7	49	46	78.8	46	46.0	19208	42392	1141	125	0.0	40.5	1.7
data7-8-49-06838.txt	8	7	49	38	1.4	38	38.0	19208	42401	0	0	0.0	37.3	1.0
data7-8-49-06839.txt	8	7	49	40	11.3	40	40.0	19208	42695	148	24	0.0	34.5	1.2
data7-8-49-06840.txt	8	7	49	41	5.1	41	41.0	19208	42375	1	0	0.0	37.5	0.9
data7-8-49-06841.txt	8	7	49	36	2.7	36	36.0	19208	42040	1	0	0.0	34.0	0.8
data7-8-49-06842.txt	8	7	49	38	1.5	38	38.0	19208	42478	0	0	0.0	38.0	0.9
data7-8-49-06843.txt	8	7	49	44	102.5	44	44.0	19208	42879	1307	32	0.0	39.1	1.8
data7-8-49-06844.txt	8	7	49	42	4.3	43	42.0	19208	42474	75	30	0.0	40.7	1.1
data7-8-49-06845.txt	8	7	49	45	93.6	45	45.0	19208	42700	822	8	0.0	41.0	2.1
data7-8-49-06846.txt	8	7	49	47	2.6	47	47.0	19208	42369	0	0	0.0	46.5	1.3
data7-8-49-06847.txt	8	7	49	32	1.6	32	32.0	19208	42092	0	0	0.0	31.0	0.8
data7-8-49-06848.txt	8	7	49	43	329.0	44	43.0	19208	42797	4795	247	0.1	39.0	1.9
data7-8-49-06849.txt	8	7	49	42	5.2	42	42.0	19208	42313	3	2	0.0	38.5	1.2
data7-8-49-06850.txt	8	7	49	34	2.3	34	34.0	19208	42506	1	4	0.0	32.5	0.8
data7-8-49-06851.txt	8	7	49	38	5.1	38	38.0	19208	42255	1	0	0.0	36.0	1.0
data7-8-49-06852.txt	8	7	49	52	5.6	52	52.0	19208	42739	1	0	0.0	50.1	2.0
data7-8-49-06853.txt	8	7	49	35	3.3	35	35.0	19208	42097	1	9	0.0	34.0	1.0
data7-8-49-06854.txt	8	7	49	42	9.4	42	42.0	19208	42620	419	86	0.0	39.0	1.7
data7-8-49-06855.txt	8	7	49	39	5.5	39	39.0	19208	42210	1	2	0.0	36.5	0.8
data7-8-49-06856.txt	8	7	49	46	10.0	46	46.0	19208	42522	76	0	0.0	42.5	1.6
data7-8-49-06857.txt	8	7	49	36	4.7	36	36.0	19208	42200	1	0	0.0	34.0	0.9
data7-8-49-06858.txt	8	7	49	44	91.8	44	44.0	19208	42458	811	1	0.0	40.5	1.5
data7-8-49-06859.txt	8	7	49	39	200.9	39	39.0	19208	42600	3252	49	0.0	36.0	1.4
data7-8-49-06860.txt	8	7	49	41	272.8	41	41.0	19208	42976	2716	99	0.1	35.5	1.7
data7-8-49-06861.txt	8	7	49	40	49.8	41	40.0	19208	42580	1229	159	0.0	38.5	1.3
data7-8-49-06862.txt	8	7	49	42	9.8	42	42.0	19208	42475	32	7	0.0	38.0	1.1
data7-8-49-06863.txt	8	7	49	44	21.0	44	44.0	19208	42621	226	9	0.0	38.0	1.4
data7-8-49-06864.txt	8	7	49	36	30.3	36	36.0	19208	42321	313	0	0.0	32.0	1.0
data7-8-49-06865.txt	8	7	49	43	6.7	43	43.0	19208	42752	1	3	0.0	41.2	1.6
data7-8-49-06866.txt	8	7	49	43	3.2	43	43.0	19208	42644	0	0	0.0	42.5	1.1
data7-8-49-06867.txt	8	7	49	35	1.8	35	35.0	19208	42411	0	0	0.0	35.0	0.7
data7-8-49-06868.txt	8	7	49	44	89.1	44	44.0	19208	42544	582	1	0.0	37.3	1.6
data7-8-49-06869.txt	8	7	49	41	8.7	41	41.0	19208	42784	68	45	0.0	39.0	1.4
data7-8-49-06870.txt	8	7	49	35	4.7	35	35.0	19208	42426	1	0	0.0	32.5	0.9
data7-8-49-06871.txt	8	7	49	40	2.4	40	40.0	19208	42403	0	0	0.0	39.0	1.1
data7-8-49-06872.txt	8	7	49	37	1.6	37	37.0	19208	42657	0	0	0.0	37.0	1.3
data7-8-49-06873.txt	8	7	49	39	2.4	39	39.0	19208	42424	1	9	0.0	37.5	1.0
data7-8-49-06874.txt	8	7	49	36	2.3	36	36.0	19208	42239	1	0	0.0	34.0	1.0
data7-8-49-06875.txt	8	7	49	43	5.6	43	43.0	19208	42433	43	73	0.0	40.5	1.2
data7-8-49-06876.txt	8	7	49	44	150.6	44	44.0	19208	43011	1645	70	0.0	39.0	1.3
data7-8-49-06877.txt	8	7	49	42	7.6	42	42.0	19208	42409	1	0	0.0	39.5	1.0
data7-8-49-06878.txt	8	7	49	37	198.5	37	37.0	19208	42486	1780	54	0.0	34.0	1.2
data7-8-49-06879.txt	8	7	49	36	1.8	36	36.0	19208	42430	0	0	0.0	36.0	0.6
data7-8-49-06880.txt	8	7	49	43	230.2	44	43.0	19208	42749	996	85	0.0	38.0	1.8
data7-8-49-06881.txt	8	7	49	40	6.1	40	40.0	19208	42508	4	2	0.0	37.5	0.9
data7-8-49-06882.txt	8	7	49	45	823.8	46	45.0	19208	42388	10376	220	0.1	43.5	1.5
data7-8-49-06883.txt	8	7	49	40	77.8	41	40.0	19208	42907	2048	81	0.0	34.6	1.3
data7-8-49-06884.txt	8	7	49	43	145.4	43	43.0	19208	42342	985	53	0.0	40.3	1.5
data7-8-49-06885.txt	8	7	49	34	3.0	34	34.0	19208	42664	0	0	0.0	33.0	1.0
data7-8-49-06886.txt	8	7	49	44	71.1	44	44.0	19208	42732	2031	25	0.0	39.0	2.2
data7-8-49-06887.txt	8	7	49	40	4.6	40	40.0	19208	42483	16	22	0.0	37.5	1.2
data7-8-49-06888.txt	8	7	49	44	12.6	44	44.0	19208	42626	1	0	0.0	42.0	2.3
data7-8-49-06889.txt	8	7	49	46	3.9	46	46.0	19208	42717	0	3	0.0	45.0	1.1
data7-8-49-06890.txt	8	7	49	43	4.7	43	43.0	19208	42439	1	25	0.0	41.5	1.6
data7-8-49-06891.txt	8	7	49	39	3.1	39	39.0	19208	42400	0	0	0.0	38.0	0.9
data7-8-49-06892.txt	8	7	49	49	967.8	49	49.0	19208	42593	8340	345	0.2	41.0	2.1
data7-8-49-06893.txt	8	7	49	48	30.6	48	48.0	19208	42862	1	0	0.0	44.2	3.5
data7-8-49-06894.txt	8	7	49	40	11.8	40	40.0	19208	42381	1	0	0.0	37.4	1.3
data7-8-49-06895.txt	8	7	49	45	26.6	45	45.0	19208	42716	609	5	0.0	41.0	1.4
data7-8-49-06896.txt	8	7	49	43	35.7	44	43.0	19208	42712	1238	33	0.0	41.0	1.2
data7-8-49-06897.txt	8	7	49	43	16.8	43	43.0	19208	42816	166	8	0.0	39.5	1.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-49-06898.txt	8	7	49	46	2.9	46	46.0	19208	42290	0	0	0.0	46.0	1.0
data7-8-49-06899.txt	8	7	49	46	15.7	46	46.0	19208	42896	121	0	0.0	42.7	1.3
data7-8-49-06900.txt	8	7	49	37	4.2	37	37.0	19208	42195	1	0	0.0	33.8	0.8
data7-8-50-06901.txt	8	7	50	54	133.6	54	54.0	20000	44460	1760	170	0.1	46.8	2.4
data7-8-50-06902.txt	8	7	50	42	8.5	42	42.0	20000	44322	1	0	0.0	39.0	1.4
data7-8-50-06903.txt	8	7	50	44	9.8	44	44.0	20000	44122	1	5	0.0	41.0	1.7
data7-8-50-06904.txt	8	7	50	47	672.6	47	47.0	20000	44308	12552	5	0.0	36.5	1.3
data7-8-50-06905.txt	8	7	50	49	113.3	49	49.0	20000	44291	1690	50	0.0	45.6	1.4
data7-8-50-06906.txt	8	7	50	48	79.6	48	48.0	20000	44635	1569	2	0.0	43.0	2.5
data7-8-50-06907.txt	8	7	50	45	13.2	45	45.0	20000	44141	5	0	0.0	42.5	1.0
data7-8-50-06908.txt	8	7	50	44	7.2	44	44.0	20000	44599	1	32	0.0	41.5	1.1
data7-8-50-06909.txt	8	7	50	44	17.8	44	44.0	20000	44090	27	0	0.0	40.0	1.6
data7-8-50-06910.txt	8	7	50	42	15.6	43	42.0	20000	44431	20	21	0.0	39.5	1.1
data7-8-50-06911.txt	8	7	50	44	73.3	45	44.0	20000	44237	1236	140	0.1	43.0	1.4
data7-8-50-06912.txt	8	7	50	41	4.1	41	41.0	20000	44109	0	0	0.0	41.0	2.0
data7-8-50-06913.txt	8	7	50	52	1635.7	52	52.0	20000	44550	22312	244	0.1	43.0	2.2
data7-8-50-06914.txt	8	7	50	47	8.5	47	47.0	20000	44453	1	0	0.0	44.0	1.5
data7-8-50-06915.txt	8	7	50	46	47.3	46	46.0	20000	44344	711	1	0.0	40.0	2.6
data7-8-50-06916.txt	8	7	50	47	135.5	47	47.0	20000	44344	2833	2	0.0	43.5	1.5
data7-8-50-06917.txt	8	7	50	48	257.5	48	48.0	20000	44256	1490	94	0.0	43.0	2.4
data7-8-50-06918.txt	8	7	50	43	38.9	43	43.0	20000	43904	3190	48	0.0	38.7	1.2
data7-8-50-06919.txt	8	7	50	47	4.5	47	47.0	20000	44323	1	7	0.0	45.5	1.0
data7-8-50-06920.txt	8	7	50	37	2.4	37	37.0	20000	44235	0	0	0.0	36.5	1.1
data7-8-50-06921.txt	8	7	50	44	6.3	44	44.0	20000	44161	1	9	0.0	42.0	1.0
data7-8-50-06922.txt	8	7	50	53	690.2	53	53.0	20000	44318	6392	27	0.0	45.2	2.2
data7-8-50-06923.txt	8	7	50	44	111.9	44	44.0	20000	44440	1179	0	0.0	38.5	2.3
data7-8-50-06924.txt	8	7	50	39	9.2	39	39.0	20000	43954	1	0	0.0	34.5	1.2
data7-8-50-06925.txt	8	7	50	44	100.6	44	44.0	20000	44446	1015	118	0.0	38.8	1.5
data7-8-50-06926.txt	8	7	50	42	9.8	42	42.0	20000	44448	391	56	0.0	40.0	1.4
data7-8-50-06927.txt	8	7	50	42	84.3	42	42.0	20000	44607	1059	0	0.0	38.0	2.0
data7-8-50-06928.txt	8	7	50	52	3601.1	52	51.0	20000	44524	77486	146	0.1	46.0	3.2
data7-8-50-06929.txt	8	7	50	36	2.0	36	36.0	20000	44114	0	0	0.0	36.0	0.8
data7-8-50-06930.txt	8	7	50	46	259.5	48	46.0	20000	44261	1904	204	0.1	40.5	1.6
data7-8-50-06931.txt	8	7	50	37	2.3	37	37.0	20000	43949	0	0	0.0	37.0	1.0
data7-8-50-06932.txt	8	7	50	49	52.1	49	49.0	20000	43923	1037	6	0.0	44.0	1.2
data7-8-50-06933.txt	8	7	50	45	221.0	45	45.0	20000	44962	1394	41	0.0	39.6	2.5
data7-8-50-06934.txt	8	7	50	46	145.3	47	46.0	20000	44210	1976	179	0.1	40.8	1.3
data7-8-50-06935.txt	8	7	50	41	61.9	42	41.0	20000	43970	1670	197	0.1	40.0	1.0
data7-8-50-06936.txt	8	7	50	51	60.1	51	51.0	20000	44312	1038	16	0.0	49.0	2.5
data7-8-50-06937.txt	8	7	50	38	3.0	38	38.0	20000	44288	0	0	0.0	37.5	1.0
data7-8-50-06938.txt	8	7	50	37	5.2	37	37.0	20000	44378	1	14	0.0	35.0	1.1
data7-8-50-06939.txt	8	7	50	49	8.8	49	49.0	20000	44238	366	136	0.1	47.2	1.3
data7-8-50-06940.txt	8	7	50	47	30.1	48	47.0	20000	44227	795	93	0.1	44.0	1.3
data7-8-50-06941.txt	8	7	50	44	3.6	44	44.0	20000	44350	1	1	0.0	42.5	1.0
data7-8-50-06942.txt	8	7	50	51	171.9	52	51.0	20000	44132	1889	117	0.1	46.7	1.9
data7-8-50-06943.txt	8	7	50	45	317.8	45	45.0	20000	44095	2150	100	0.1	41.0	1.3
data7-8-50-06944.txt	8	7	50	47	113.6	48	47.0	20000	44200	1371	103	0.0	43.7	1.6
data7-8-50-06945.txt	8	7	50	43	8.8	43	43.0	20000	44337	1	1	0.0	40.5	2.1
data7-8-50-06946.txt	8	7	50	42	159.4	42	42.0	20000	44123	2659	48	0.0	40.0	1.3
data7-8-50-06947.txt	8	7	50	44	175.9	44	44.0	20000	44398	1249	99	0.0	40.0	1.8
data7-8-50-06948.txt	8	7	50	52	53.1	52	52.0	20000	44799	790	6	0.0	48.2	2.2
data7-8-50-06949.txt	8	7	50	43	72.6	43	43.0	20000	44365	1079	0	0.0	39.2	1.5
data7-8-50-06950.txt	8	7	50	47	115.0	47	47.0	20000	44427	1836	180	0.1	40.8	1.2
data7-8-50-06951.txt	8	7	50	46	302.8	46	46.0	20000	44729	3458	249	0.1	40.5	1.4
data7-8-50-06952.txt	8	7	50	45	33.2	45	45.0	20000	44184	1539	16	0.0	42.5	1.6
data7-8-50-06953.txt	8	7	50	40	34.8	40	40.0	20000	44539	638	0	0.0	34.3	1.1
data7-8-50-06954.txt	8	7	50	47	265.2	47	47.0	20000	44392	2461	55	0.0	41.2	2.2
data7-8-50-06955.txt	8	7	50	52	2452.0	53	52.0	20000	44755	24865	613	0.3	48.5	2.3
data7-8-50-06956.txt	8	7	50	41	4.7	41	41.0	20000	44251	0	2	0.0	39.5	1.5
data7-8-50-06957.txt	8	7	50	55	235.3	56	55.0	20000	44249	820	345	0.2	51.5	2.9
data7-8-50-06958.txt	8	7	50	50	40.9	50	50.0	20000	44372	1061	0	0.0	45.0	3.0
data7-8-50-06959.txt	8	7	50	49	13.2	50	49.0	20000	44072	33	35	0.0	45.5	1.6
data7-8-50-06960.txt	8	7	50	47	3.0	47	47.0	20000	44207	0	0	0.0	47.0	1.2
data7-8-50-06961.txt	8	7	50	48	58.4	48	48.0	20000	44254	2198	172	0.1	44.0	1.3
data7-8-50-06962.txt	8	7	50	37	5.3	37	37.0	20000	43929	28	16	0.0	34.5	1.0
data7-8-50-06963.txt	8	7	50	49	261.1	49	49.0	20000	44407	9086	278	0.1	42.7	1.8
data7-8-50-06964.txt	8	7	50	48	66.0	48	48.0	20000	44077	2216	89	0.0	45.0	1.4
data7-8-50-06965.txt	8	7	50	32	2.4	32	32.0	20000	43814	1	10	0.0	31.0	0.7
data7-8-50-06966.txt	8	7	50	44	3.8	44	44.0	20000	44167	9	23	0.0	42.3	0.9
data7-8-50-06967.txt	8	7	50	38	4.9	38	38.0	20000	43781	1	5	0.0	36.5	0.9

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-50-06968.txt	8	7	50	43	50.6	43	43.0	20000	44141	2069	56	0.0	40.7	1.3
data7-8-50-06969.txt	8	7	50	45	9.4	45	45.0	20000	44417	92	39	0.0	42.4	1.5
data7-8-50-06970.txt	8	7	50	53	1390.7	55	53.0	20000	44364	8284	374	0.2	45.2	2.8
data7-8-50-06971.txt	8	7	50	42	10.3	42	42.0	20000	44013	9	0	0.0	37.5	1.1
data7-8-50-06972.txt	8	7	50	45	109.0	45	45.0	20000	43943	2055	164	0.1	40.0	1.1
data7-8-50-06973.txt	8	7	50	40	137.7	40	40.0	20000	44476	2201	7	0.0	35.5	1.3
data7-8-50-06974.txt	8	7	50	45	2.9	45	45.0	20000	44273	0	0	0.0	44.0	1.1
data7-8-50-06975.txt	8	7	50	40	1.7	40	40.0	20000	43831	0	0	0.0	40.0	0.6
data7-8-50-06976.txt	8	7	50	39	36.1	39	39.0	20000	44072	1912	15	0.0	35.5	1.1
data7-8-50-06977.txt	8	7	50	46	89.5	46	46.0	20000	44280	2125	53	0.0	42.0	1.2
data7-8-50-06978.txt	8	7	50	38	3.8	38	38.0	20000	43930	1	0	0.0	36.5	0.9
data7-8-50-06979.txt	8	7	50	39	6.5	39	39.0	20000	43965	1	0	0.0	36.5	1.0
data7-8-50-06980.txt	8	7	50	45	10.1	45	45.0	20000	44366	114	14	0.0	41.5	1.2
data7-8-50-06981.txt	8	7	50	43	2.0	43	43.0	20000	44297	0	0	0.0	43.0	1.3
data7-8-50-06982.txt	8	7	50	40	3.2	40	40.0	20000	44358	1	6	0.0	39.0	1.3
data7-8-50-06983.txt	8	7	50	41	3.2	41	41.0	20000	44218	1	0	0.0	39.0	0.8
data7-8-50-06984.txt	8	7	50	40	4.5	40	40.0	20000	44356	1	0	0.0	37.0	1.3
data7-8-50-06985.txt	8	7	50	40	2.2	40	40.0	20000	44010	0	3	0.0	39.0	1.0
data7-8-50-06986.txt	8	7	50	42	5.4	42	42.0	20000	44407	19	39	0.0	39.5	1.3
data7-8-50-06987.txt	8	7	50	52	425.8	52	52.0	20000	44274	7601	278	0.1	41.2	1.3
data7-8-50-06988.txt	8	7	50	48	18.8	48	48.0	20000	44219	542	39	0.0	40.5	1.0
data7-8-50-06989.txt	8	7	50	47	34.3	47	47.0	20000	44365	388	3	0.0	43.0	1.4
data7-8-50-06990.txt	8	7	50	41	8.4	41	41.0	20000	44002	1	11	0.0	37.5	1.2
data7-8-50-06991.txt	8	7	50	48	53.1	48	48.0	20000	44204	811	17	0.0	43.3	2.6
data7-8-50-06992.txt	8	7	50	43	6.6	43	43.0	20000	44025	1	42	0.0	42.0	1.7
data7-8-50-06993.txt	8	7	50	46	206.1	47	46.0	20000	44407	773	41	0.0	41.2	1.8
data7-8-50-06994.txt	8	7	50	46	29.2	46	46.0	20000	44340	624	4	0.0	39.8	1.1
data7-8-50-06995.txt	8	7	50	44	3.5	44	44.0	20000	43968	0	0	0.0	42.5	1.3
data7-8-50-06996.txt	8	7	50	49	188.3	49	49.0	20000	44383	2155	56	0.0	43.5	2.0
data7-8-50-06997.txt	8	7	50	46	358.8	46	46.0	20000	44242	1586	106	0.0	40.0	1.9
data7-8-50-06998.txt	8	7	50	44	3.7	44	44.0	20000	44076	0	0	0.0	42.5	1.3
data7-8-50-06999.txt	8	7	50	41	5.4	41	41.0	20000	44248	1	0	0.0	38.5	1.4
data7-8-50-07000.txt	8	7	50	39	9.4	40	39.0	20000	44056	39	46	0.0	37.0	1.0
data7-8-51-07001.txt	8	7	51	47	10.1	47	47.0	20808	46126	1	28	0.0	45.0	1.7
data7-8-51-07002.txt	8	7	51	39	4.5	39	39.0	20808	45815	1	0	0.0	36.0	1.0
data7-8-51-07003.txt	8	7	51	50	248.0	50	50.0	20808	45800	2203	139	0.1	44.5	1.2
data7-8-51-07004.txt	8	7	51	43	116.4	43	43.0	20808	45872	1884	8	0.0	39.2	2.1
data7-8-51-07005.txt	8	7	51	38	3.2	38	38.0	20808	46056	1	0	0.0	36.0	0.9
data7-8-51-07006.txt	8	7	51	43	30.7	43	43.0	20808	46229	1215	6	0.0	36.0	1.4
data7-8-51-07007.txt	8	7	51	45	82.9	45	45.0	20808	46088	2167	112	0.1	41.0	1.4
data7-8-51-07008.txt	8	7	51	49	8.7	49	49.0	20808	46008	1	0	0.0	46.0	1.4
data7-8-51-07009.txt	8	7	51	57	84.1	57	57.0	20808	46303	553	37	0.0	50.5	2.7
data7-8-51-07010.txt	8	7	51	51	638.5	52	51.0	20808	45903	5451	215	0.1	45.8	1.7
data7-8-51-07011.txt	8	7	51	42	2.7	42	42.0	20808	45709	12	40	0.0	41.0	1.0
data7-8-51-07012.txt	8	7	51	44	4.3	44	44.0	20808	46087	1	0	0.0	41.5	1.3
data7-8-51-07013.txt	8	7	51	48	268.4	48	48.0	20808	46129	2424	179	0.1	45.0	1.4
data7-8-51-07014.txt	8	7	51	44	10.5	44	44.0	20808	46238	97	13	0.0	40.2	1.0
data7-8-51-07015.txt	8	7	51	47	6.5	47	47.0	20808	46036	0	0	0.0	46.0	2.1
data7-8-51-07016.txt	8	7	51	41	7.4	41	41.0	20808	45848	1	0	0.0	39.0	1.5
data7-8-51-07017.txt	8	7	51	47	10.2	47	47.0	20808	46293	3	6	0.0	42.5	1.6
data7-8-51-07018.txt	8	7	51	38	2.4	38	38.0	20808	45946	0	0	0.0	37.8	1.0
data7-8-51-07019.txt	8	7	51	50	128.0	50	50.0	20808	45969	2364	111	0.0	45.6	1.8
data7-8-51-07020.txt	8	7	51	50	5.2	50	50.0	20808	46049	1	8	0.0	46.5	1.3
data7-8-51-07021.txt	8	7	51	49	9.0	49	49.0	20808	46304	1	0	0.0	47.0	1.8
data7-8-51-07022.txt	8	7	51	53	11.2	53	53.0	20808	45802	1	0	0.0	50.6	1.9
data7-8-51-07023.txt	8	7	51	47	45.7	47	47.0	20808	46156	772	59	0.0	43.0	1.4
data7-8-51-07024.txt	8	7	51	43	4.3	43	43.0	20808	46125	0	2	0.0	42.0	1.3
data7-8-51-07025.txt	8	7	51	47	62.7	47	47.0	20808	46323	593	17	0.0	41.5	1.7
data7-8-51-07026.txt	8	7	51	37	8.0	37	37.0	20808	45922	1	0	0.0	34.0	1.2
data7-8-51-07027.txt	8	7	51	50	181.0	50	50.0	20808	46147	6496	309	0.2	43.5	1.1
data7-8-51-07028.txt	8	7	51	48	9.8	48	48.0	20808	46272	1	1	0.0	46.0	2.3
data7-8-51-07029.txt	8	7	51	41	6.1	41	41.0	20808	45689	3	0	0.0	38.0	0.6
data7-8-51-07030.txt	8	7	51	43	76.5	43	43.0	20808	45801	1118	19	0.0	38.3	1.1
data7-8-51-07031.txt	8	7	51	52	1123.8	53	52.0	20808	46009	11383	420	0.2	48.5	2.0
data7-8-51-07032.txt	8	7	51	49	128.7	49	49.0	20808	46283	2311	0	0.0	43.0	2.0
data7-8-51-07033.txt	8	7	51	40	3.4	40	40.0	20808	45993	0	0	0.0	39.5	1.7
data7-8-51-07034.txt	8	7	51	43	4.4	43	43.0	20808	45956	1	23	0.0	41.0	0.9
data7-8-51-07035.txt	8	7	51	47	76.3	47	47.0	20808	45750	4050	19	0.0	44.1	1.3
data7-8-51-07036.txt	8	7	51	46	6.1	46	46.0	20808	46165	0	2	0.0	44.5	1.4
data7-8-51-07037.txt	8	7	51	54	6.8	54	54.0	20808	45911	1	0	0.0	50.0	2.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-51-07038.txt	8	7	51	48	20.1	48	48.0	20808	46063	20	0	0.0	45.2	2.4
data7-8-51-07039.txt	8	7	51	51	13.3	51	51.0	20808	45950	915	261	0.1	49.0	1.6
data7-8-51-07040.txt	8	7	51	50	637.6	50	50.0	20808	46230	7159	102	0.0	40.5	1.7
data7-8-51-07041.txt	8	7	51	42	38.6	42	42.0	20808	45697	3000	35	0.0	38.0	0.9
data7-8-51-07042.txt	8	7	51	36	4.1	36	36.0	20808	45673	1	11	0.0	35.0	1.1
data7-8-51-07043.txt	8	7	51	36	9.1	36	36.0	20808	46089	402	50	0.0	33.0	1.1
data7-8-51-07044.txt	8	7	51	49	293.1	49	49.0	20808	45963	2504	125	0.1	42.5	1.3
data7-8-51-07045.txt	8	7	51	43	17.2	43	43.0	20808	46177	224	0	0.0	40.0	1.7
data7-8-51-07046.txt	8	7	51	40	149.3	40	40.0	20808	45618	1757	12	0.0	36.1	1.2
data7-8-51-07047.txt	8	7	51	54	76.5	54	54.0	20808	46126	1369	107	0.0	49.0	2.4
data7-8-51-07048.txt	8	7	51	49	102.9	49	49.0	20808	46024	2177	31	0.0	45.2	1.5
data7-8-51-07049.txt	8	7	51	47	4.7	47	47.0	20808	45887	1	7	0.0	45.0	1.2
data7-8-51-07050.txt	8	7	51	45	2159.0	45	45.0	20808	46124	73345	226	0.1	40.0	1.6
data7-8-51-07051.txt	8	7	51	39	12.4	40	39.0	20808	45539	406	24	0.0	37.0	0.8
data7-8-51-07052.txt	8	7	51	56	8.1	56	56.0	20808	45987	155	195	0.1	54.0	1.8
data7-8-51-07053.txt	8	7	51	42	3.1	42	42.0	20808	46084	1	5	0.0	40.0	0.9
data7-8-51-07054.txt	8	7	51	55	17.0	55	55.0	20808	46364	1	0	0.0	52.0	3.3
data7-8-51-07055.txt	8	7	51	41	9.3	41	41.0	20808	45740	14	0	0.0	37.3	1.4
data7-8-51-07056.txt	8	7	51	40	6.2	40	40.0	20808	45865	1	2	0.0	37.3	1.2
data7-8-51-07057.txt	8	7	51	43	24.3	45	43.0	20808	46437	165	39	0.0	41.2	1.6
data7-8-51-07058.txt	8	7	51	43	3.2	43	43.0	20808	45780	0	0	0.0	42.2	1.4
data7-8-51-07059.txt	8	7	51	39	11.0	39	39.0	20808	46018	13	0	0.0	35.0	1.2
data7-8-51-07060.txt	8	7	51	47	8.4	47	47.0	20808	46244	1	0	0.0	44.0	3.2
data7-8-51-07061.txt	8	7	51	32	1.8	32	32.0	20808	45706	0	0	0.0	30.5	0.8
data7-8-51-07062.txt	8	7	51	47	31.9	47	47.0	20808	46336	268	4	0.0	43.0	1.9
data7-8-51-07063.txt	8	7	51	44	5.9	44	44.0	20808	45870	732	31	0.0	40.0	0.8
data7-8-51-07064.txt	8	7	51	44	11.6	44	44.0	20808	46408	15	30	0.0	40.0	1.6
data7-8-51-07065.txt	8	7	51	44	7.7	44	44.0	20808	46062	510	2	0.0	41.0	1.0
data7-8-51-07066.txt	8	7	51	58	265.1	60	58.0	20808	46082	2341	395	0.2	53.0	2.7
data7-8-51-07067.txt	8	7	51	38	4.8	38	38.0	20808	45729	1	0	0.0	36.0	1.1
data7-8-51-07068.txt	8	7	51	41	3.2	41	41.0	20808	45555	0	0	0.0	40.0	1.2
data7-8-51-07069.txt	8	7	51	38	2.4	38	38.0	20808	45520	0	0	0.0	37.0	0.8
data7-8-51-07070.txt	8	7	51	48	179.1	48	48.0	20808	46366	2848	81	0.0	43.3	3.1
data7-8-51-07071.txt	8	7	51	54	145.3	54	54.0	20808	46225	1125	22	0.0	50.0	3.8
data7-8-51-07072.txt	8	7	51	40	2.3	40	40.0	20808	45900	0	0	0.0	39.0	1.1
data7-8-51-07073.txt	8	7	51	44	4.2	45	44.0	20808	46069	1	9	0.0	43.0	1.5
data7-8-51-07074.txt	8	7	51	39	2.6	39	39.0	20808	45733	0	0	0.0	37.5	0.7
data7-8-51-07075.txt	8	7	51	44	7.7	44	44.0	20808	46076	1	0	0.0	41.5	1.6
data7-8-51-07076.txt	8	7	51	50	98.2	50	50.0	20808	46182	2306	153	0.1	43.3	1.3
data7-8-51-07077.txt	8	7	51	50	1135.6	50	50.0	20808	45910	26918	366	0.2	45.5	1.6
data7-8-51-07078.txt	8	7	51	44	15.6	44	44.0	20808	45951	140	0	0.0	41.5	1.2
data7-8-51-07079.txt	8	7	51	44	4.8	44	44.0	20808	46060	1	0	0.0	42.0	1.5
data7-8-51-07080.txt	8	7	51	37	2.1	37	37.0	20808	45288	0	0	0.0	37.0	0.8
data7-8-51-07081.txt	8	7	51	46	14.7	46	46.0	20808	46210	6	5	0.0	43.0	1.8
data7-8-51-07082.txt	8	7	51	35	2.8	35	35.0	20808	45383	1	0	0.0	33.0	0.9
data7-8-51-07083.txt	8	7	51	31	2.0	31	31.0	20808	45868	0	0	0.0	31.0	0.9
data7-8-51-07084.txt	8	7	51	47	26.5	47	47.0	20808	46194	138	41	0.0	42.8	1.9
data7-8-51-07085.txt	8	7	51	46	4.4	46	46.0	20808	46088	0	3	0.0	45.0	1.1
data7-8-51-07086.txt	8	7	51	52	267.6	52	52.0	20808	46284	2650	97	0.1	49.0	3.0
data7-8-51-07087.txt	8	7	51	44	81.7	44	44.0	20808	45995	2293	27	0.0	42.0	1.1
data7-8-51-07088.txt	8	7	51	40	3.0	40	40.0	20808	45826	0	0	0.0	39.5	1.2
data7-8-51-07089.txt	8	7	51	41	5.4	41	41.0	20808	45624	1	21	0.0	39.0	1.0
data7-8-51-07090.txt	8	7	51	39	8.5	39	39.0	20808	46098	1	11	0.0	35.0	1.1
data7-8-51-07091.txt	8	7	51	51	79.9	51	51.0	20808	45812	1477	48	0.0	48.0	1.7
data7-8-51-07092.txt	8	7	51	44	40.4	45	44.0	20808	46040	1207	151	0.1	41.0	0.9
data7-8-51-07093.txt	8	7	51	42	38.6	42	42.0	20808	46020	872	129	0.1	39.3	1.3
data7-8-51-07094.txt	8	7	51	46	99.3	46	46.0	20808	46105	1126	0	0.0	42.0	1.9
data7-8-51-07095.txt	8	7	51	41	4.1	41	41.0	20808	45605	1	0	0.0	39.5	1.0
data7-8-51-07096.txt	8	7	51	42	20.4	42	42.0	20808	46198	701	83	0.0	38.5	1.3
data7-8-51-07097.txt	8	7	51	45	4.0	45	45.0	20808	45935	1	1	0.0	43.0	1.2
data7-8-51-07098.txt	8	7	51	53	177.2	54	53.0	20808	46532	1120	75	0.1	50.5	2.7
data7-8-51-07099.txt	8	7	51	42	9.4	42	42.0	20808	45987	1	12	0.0	38.5	1.3
data7-8-51-07100.txt	8	7	51	52	75.7	52	52.0	20808	46379	1344	21	0.0	48.4	2.4
data7-8-52-07101.txt	8	7	52	44	7.9	45	44.0	21632	47900	52	103	0.1	42.7	1.4
data7-8-52-07102.txt	8	7	52	51	33.9	51	51.0	21632	47931	432	86	0.1	48.1	2.4
data7-8-52-07103.txt	8	7	52	51	3.2	51	51.0	21632	48174	0	0	0.0	50.0	1.5
data7-8-52-07104.txt	8	7	52	44	5.7	44	44.0	21632	47791	0	0	0.0	42.5	1.4
data7-8-52-07105.txt	8	7	52	46	9.7	46	46.0	21632	47684	48	0	0.0	42.1	1.4
data7-8-52-07106.txt	8	7	52	46	83.7	46	46.0	21632	47877	712	65	0.0	41.5	1.5
data7-8-52-07107.txt	8	7	52	46	4.1	46	46.0	21632	47526	1	51	0.0	45.0	1.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-52-07108.txt	8	7	52	49	4.6	49	49.0	21632	47771	0	0	0.0	49.0	2.5
data7-8-52-07109.txt	8	7	52	40	98.6	41	40.0	21632	47264	1922	74	0.0	36.5	1.3
data7-8-52-07110.txt	8	7	52	40	34.0	40	40.0	21632	47702	1162	4	0.0	37.5	1.2
data7-8-52-07111.txt	8	7	52	49	96.5	49	49.0	21632	47998	1040	0	0.0	44.0	1.5
data7-8-52-07112.txt	8	7	52	54	1012.8	54	54.0	21632	47862	14372	342	0.2	50.0	1.4
data7-8-52-07113.txt	8	7	52	48	106.7	48	48.0	21632	48229	1114	36	0.0	44.5	1.7
data7-8-52-07114.txt	8	7	52	43	5.5	43	43.0	21632	47766	1	5	0.0	40.5	1.4
data7-8-52-07115.txt	8	7	52	44	1.7	44	44.0	21632	47598	0	0	0.0	43.5	1.1
data7-8-52-07116.txt	8	7	52	46	5.1	46	46.0	21632	47798	1	1	0.0	44.5	2.8
data7-8-52-07117.txt	8	7	52	52	296.0	52	52.0	21632	48108	2172	240	0.1	46.2	1.1
data7-8-52-07118.txt	8	7	52	47	1493.4	47	47.0	21632	47991	24008	324	0.2	41.5	1.9
data7-8-52-07119.txt	8	7	52	41	3.0	41	41.0	21632	47782	1	5	0.0	39.0	0.8
data7-8-52-07120.txt	8	7	52	43	634.9	43	43.0	21632	47892	6406	0	0.0	39.5	1.6
data7-8-52-07121.txt	8	7	52	41	2.6	41	41.0	21632	47738	0	1	0.0	39.5	1.0
data7-8-52-07122.txt	8	7	52	44	20.1	44	44.0	21632	47869	95	17	0.0	40.0	1.8
data7-8-52-07123.txt	8	7	52	41	6.1	41	41.0	21632	47330	1	0	0.0	38.5	1.0
data7-8-52-07124.txt	8	7	52	50	114.7	50	50.0	21632	47693	1391	67	0.0	43.0	2.0
data7-8-52-07125.txt	8	7	52	48	106.6	48	48.0	21632	47826	988	62	0.0	44.0	1.5
data7-8-52-07126.txt	8	7	52	43	2.2	43	43.0	21632	47617	0	0	0.0	43.0	0.8
data7-8-52-07127.txt	8	7	52	39	37.6	39	39.0	21632	47587	2621	55	0.0	35.0	1.0
data7-8-52-07128.txt	8	7	52	46	4.7	46	46.0	21632	47592	56	73	0.0	45.0	2.0
data7-8-52-07129.txt	8	7	52	38	11.2	38	38.0	21632	47847	146	3	0.0	34.0	0.9
data7-8-52-07130.txt	8	7	52	44	26.0	44	44.0	21632	47454	819	65	0.0	38.8	1.3
data7-8-52-07131.txt	8	7	52	42	9.9	42	42.0	21632	47695	1	0	0.0	39.5	1.4
data7-8-52-07132.txt	8	7	52	46	115.4	46	46.0	21632	47945	2294	132	0.1	41.0	1.1
data7-8-52-07133.txt	8	7	52	44	4.8	44	44.0	21632	47661	254	96	0.0	40.6	1.1
data7-8-52-07134.txt	8	7	52	45	18.4	45	45.0	21632	47827	711	74	0.0	41.5	1.2
data7-8-52-07135.txt	8	7	52	51	19.9	51	51.0	21632	48146	288	29	0.0	47.0	1.6
data7-8-52-07136.txt	8	7	52	41	2.1	41	41.0	21632	47494	0	5	0.0	39.3	0.6
data7-8-52-07137.txt	8	7	52	51	10.1	51	51.0	21632	48289	1	6	0.0	48.0	2.4
data7-8-52-07138.txt	8	7	52	57	12.2	57	57.0	21632	47995	16	31	0.0	53.8	2.5
data7-8-52-07139.txt	8	7	52	43	3.0	43	43.0	21632	47398	1	17	0.0	42.0	1.0
data7-8-52-07140.txt	8	7	52	51	205.2	51	51.0	21632	48048	1962	36	0.0	46.6	2.6
data7-8-52-07141.txt	8	7	52	32	3.9	32	32.0	21632	47081	1	3	0.0	28.5	0.5
data7-8-52-07142.txt	8	7	52	38	2.5	38	38.0	21632	47567	0	1	0.0	37.0	0.8
data7-8-52-07143.txt	8	7	52	53	10.4	53	53.0	21632	48059	76	113	0.1	51.0	1.6
data7-8-52-07144.txt	8	7	52	55	257.0	55	55.0	21632	47632	1728	136	0.1	50.0	2.2
data7-8-52-07145.txt	8	7	52	55	1096.5	55	55.0	21632	47924	23955	202	0.1	47.5	1.6
data7-8-52-07146.txt	8	7	52	41	18.8	41	41.0	21632	47497	309	4	0.0	37.5	0.9
data7-8-52-07147.txt	8	7	52	51	34.6	51	51.0	21632	47889	290	0	0.0	46.3	1.6
data7-8-52-07148.txt	8	7	52	53	8.7	53	53.0	21632	48109	13	36	0.0	51.5	2.4
data7-8-52-07149.txt	8	7	52	43	2.8	43	43.0	21632	47675	0	0	0.0	43.0	1.1
data7-8-52-07150.txt	8	7	52	53	692.4	54	53.0	21632	47674	11265	152	0.1	51.0	2.7
data7-8-52-07151.txt	8	7	52	48	92.6	48	48.0	21632	48108	1220	133	0.1	42.3	1.6
data7-8-52-07152.txt	8	7	52	51	183.6	51	51.0	21632	48050	1617	9	0.0	47.9	3.4
data7-8-52-07153.txt	8	7	52	54	95.9	54	54.0	21632	48193	1028	41	0.0	50.0	2.0
data7-8-52-07154.txt	8	7	52	53	2641.4	53	53.0	21632	48457	40226	536	0.3	47.0	2.2
data7-8-52-07155.txt	8	7	52	42	1.5	42	42.0	21632	47847	0	0	0.0	42.0	1.0
data7-8-52-07156.txt	8	7	52	53	135.6	54	53.0	21632	47970	1061	266	0.1	48.5	2.9
data7-8-52-07157.txt	8	7	52	50	16.9	51	50.0	21632	47752	38	118	0.1	47.0	2.0
data7-8-52-07158.txt	8	7	52	43	35.3	43	43.0	21632	48217	820	133	0.1	39.1	1.5
data7-8-52-07159.txt	8	7	52	41	5.0	41	41.0	21632	47699	1	0	0.0	39.2	1.1
data7-8-52-07160.txt	8	7	52	52	130.5	54	52.0	21632	48018	728	125	0.1	47.0	2.9
data7-8-52-07161.txt	8	7	52	51	27.5	51	51.0	21632	47984	78	3	0.0	43.5	4.1
data7-8-52-07162.txt	8	7	52	48	5.8	48	48.0	21632	48028	0	1	0.0	47.0	3.2
data7-8-52-07163.txt	8	7	52	46	53.7	46	46.0	21632	47547	1056	27	0.0	43.0	1.6
data7-8-52-07164.txt	8	7	52	43	6.1	43	43.0	21632	47775	1	2	0.0	39.0	1.2
data7-8-52-07165.txt	8	7	52	47	26.6	47	47.0	21632	47552	1070	57	0.0	42.5	1.1
data7-8-52-07166.txt	8	7	52	56	160.5	56	56.0	21632	48296	1127	86	0.0	50.8	3.2
data7-8-52-07167.txt	8	7	52	50	25.0	50	50.0	21632	47763	251	61	0.0	44.5	2.5
data7-8-52-07168.txt	8	7	52	60	984.2	60	60.0	21632	48080	16358	233	0.1	52.0	3.0
data7-8-52-07169.txt	8	7	52	45	5.2	45	45.0	21632	47801	11	72	0.0	44.0	1.4
data7-8-52-07170.txt	8	7	52	54	149.0	54	54.0	21632	47947	1201	29	0.0	48.8	2.8
data7-8-52-07171.txt	8	7	52	55	67.2	56	55.0	21632	48167	1061	100	0.1	52.5	2.5
data7-8-52-07172.txt	8	7	52	42	93.5	42	42.0	21632	47860	662	83	0.0	39.3	1.5
data7-8-52-07173.txt	8	7	52	52	1171.1	52	52.0	21632	47834	30291	150	0.1	46.0	1.4
data7-8-52-07174.txt	8	7	52	43	226.7	43	43.0	21632	48115	1762	101	0.0	39.3	1.5
data7-8-52-07175.txt	8	7	52	47	118.9	47	47.0	21632	48112	1308	33	0.0	41.8	1.2
data7-8-52-07176.txt	8	7	52	44	64.0	44	44.0	21632	48028	729	63	0.0	41.0	2.3
data7-8-52-07177.txt	8	7	52	53	26.7	53	53.0	21632	48006	1	2	0.0	51.0	2.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-52-07178.txt	8	7	52	40	2.6	40	40.0	21632	47624	0	0	0.0	39.0	0.9
data7-8-52-07179.txt	8	7	52	50	78.9	50	50.0	21632	47710	1494	69	0.0	44.0	1.7
data7-8-52-07180.txt	8	7	52	55	221.1	55	55.0	21632	48235	1138	0	0.0	51.0	2.9
data7-8-52-07181.txt	8	7	52	47	2.4	47	47.0	21632	47736	0	0	0.0	47.0	0.8
data7-8-52-07182.txt	8	7	52	54	167.5	54	54.0	21632	48178	1374	119	0.1	49.7	1.9
data7-8-52-07183.txt	8	7	52	49	28.8	49	49.0	21632	47651	104	17	0.0	45.0	2.0
data7-8-52-07184.txt	8	7	52	57	715.9	58	57.0	21632	48193	10118	365	0.1	49.0	2.9
data7-8-52-07185.txt	8	7	52	51	8.2	51	51.0	21632	48197	1	4	0.0	49.0	2.8
data7-8-52-07186.txt	8	7	52	51	258.9	51	51.0	21632	47909	2286	80	0.0	45.3	1.3
data7-8-52-07187.txt	8	7	52	39	7.6	39	39.0	21632	47454	33	47	0.0	37.0	1.0
data7-8-52-07188.txt	8	7	52	40	10.8	40	40.0	21632	48065	9	7	0.0	36.4	1.2
data7-8-52-07189.txt	8	7	52	48	116.2	48	48.0	21632	47783	1835	60	0.0	44.5	1.8
data7-8-52-07190.txt	8	7	52	47	8.5	47	47.0	21632	47887	612	89	0.1	46.0	0.9
data7-8-52-07191.txt	8	7	52	48	109.3	48	48.0	21632	47741	2922	0	0.0	43.0	1.9
data7-8-52-07192.txt	8	7	52	43	33.5	43	43.0	21632	47424	917	47	0.0	40.0	1.4
data7-8-52-07193.txt	8	7	52	44	5.0	44	44.0	21632	47676	1	2	0.0	43.0	1.2
data7-8-52-07194.txt	8	7	52	49	4.8	49	49.0	21632	47761	1	9	0.0	45.5	1.1
data7-8-52-07195.txt	8	7	52	56	140.8	56	56.0	21632	47943	2686	48	0.0	48.0	2.1
data7-8-52-07196.txt	8	7	52	52	106.0	52	52.0	21632	47909	2509	60	0.0	48.0	2.2
data7-8-52-07197.txt	8	7	52	48	4.7	48	48.0	21632	47171	1	1	0.0	46.3	0.9
data7-8-52-07198.txt	8	7	52	51	180.7	51	51.0	21632	47930	2052	10	0.0	47.2	4.6
data7-8-52-07199.txt	8	7	52	45	34.1	45	45.0	21632	47537	567	0	0.0	43.0	2.1
data7-8-52-07200.txt	8	7	52	53	986.1	53	53.0	21632	47840	17288	358	0.2	48.2	1.7
data7-8-53-07201.txt	8	7	53	52	10.0	52	52.0	22472	49930	5	5	0.0	49.7	1.7
data7-8-53-07202.txt	8	7	53	40	7.6	40	40.0	22472	49552	1	6	0.0	38.0	1.1
data7-8-53-07203.txt	8	7	53	39	4.2	40	39.0	22472	49087	1	27	0.0	37.5	0.7
data7-8-53-07204.txt	8	7	53	44	2.6	44	44.0	22472	49608	0	0	0.0	44.0	2.2
data7-8-53-07205.txt	8	7	53	50	62.8	50	50.0	22472	49293	1634	68	0.0	45.8	1.4
data7-8-53-07206.txt	8	7	53	47	168.0	47	47.0	22472	49533	1507	69	0.0	43.5	1.4
data7-8-53-07207.txt	8	7	53	50	127.8	50	50.0	22472	49593	1281	102	0.0	47.5	3.5
data7-8-53-07208.txt	8	7	53	47	7.0	47	47.0	22472	49650	0	0	0.0	46.5	2.9
data7-8-53-07209.txt	8	7	53	52	253.7	52	52.0	22472	49745	5602	330	0.2	47.0	2.8
data7-8-53-07210.txt	8	7	53	42	90.8	42	42.0	22472	49374	2318	93	0.1	39.0	1.1
data7-8-53-07211.txt	8	7	53	53	4.8	53	53.0	22472	49803	0	0	0.0	52.4	4.2
data7-8-53-07212.txt	8	7	53	55	10.0	55	55.0	22472	49604	32	44	0.0	53.0	2.8
data7-8-53-07213.txt	8	7	53	50	61.0	50	50.0	22472	49643	1084	41	0.0	46.5	1.0
data7-8-53-07214.txt	8	7	53	51	444.2	52	51.0	22472	49819	3632	256	0.1	43.5	3.0
data7-8-53-07215.txt	8	7	53	48	13.4	49	48.0	22472	49714	50	42	0.0	45.5	1.9
data7-8-53-07216.txt	8	7	53	44	2.8	44	44.0	22472	49346	0	0	0.0	44.0	1.1
data7-8-53-07217.txt	8	7	53	47	3.3	47	47.0	22472	49455	0	0	0.0	46.0	1.1
data7-8-53-07218.txt	8	7	53	39	9.6	39	39.0	22472	49663	69	31	0.0	37.0	1.7
data7-8-53-07219.txt	8	7	53	45	100.3	45	45.0	22472	49353	1678	105	0.1	38.3	1.0
data7-8-53-07220.txt	8	7	53	48	472.4	49	48.0	22472	49634	7294	203	0.1	45.0	1.6
data7-8-53-07221.txt	8	7	53	45	3.4	46	45.0	22472	49557	1	20	0.0	43.8	1.1
data7-8-53-07222.txt	8	7	53	39	2.2	39	39.0	22472	48924	1	4	0.0	35.3	0.8
data7-8-53-07223.txt	8	7	53	38	1.9	38	38.0	22472	49341	0	0	0.0	38.0	0.7
data7-8-53-07224.txt	8	7	53	51	142.7	52	51.0	22472	49572	1024	110	0.0	48.5	3.6
data7-8-53-07225.txt	8	7	53	43	9.8	43	43.0	22472	49643	1	6	0.0	40.5	1.7
data7-8-53-07226.txt	8	7	53	50	27.4	50	50.0	22472	49347	1106	52	0.0	48.0	1.5
data7-8-53-07227.txt	8	7	53	48	75.8	48	48.0	22472	49874	1083	1	0.0	43.0	1.5
data7-8-53-07228.txt	8	7	53	62	94.7	62	62.0	22472	49888	1042	60	0.0	56.5	2.0
data7-8-53-07229.txt	8	7	53	41	7.7	41	41.0	22472	49700	1	29	0.0	39.0	1.2
data7-8-53-07230.txt	8	7	53	49	5.8	49	49.0	22472	49772	1	5	0.0	47.0	1.2
data7-8-53-07231.txt	8	7	53	60	60.3	60	60.0	22472	50251	1133	140	0.1	54.0	3.5
data7-8-53-07232.txt	8	7	53	44	7.4	44	44.0	22472	49703	1	0	0.0	42.5	1.3
data7-8-53-07233.txt	8	7	53	47	32.0	47	47.0	22472	49439	770	36	0.0	44.2	1.3
data7-8-53-07234.txt	8	7	53	49	6.9	49	49.0	22472	49566	1	14	0.0	47.0	1.5
data7-8-53-07235.txt	8	7	53	47	2.3	47	47.0	22472	49789	0	0	0.0	47.0	0.8
data7-8-53-07236.txt	8	7	53	42	7.5	42	42.0	22472	49663	1	12	0.0	38.0	1.1
data7-8-53-07237.txt	8	7	53	51	93.7	51	51.0	22472	49564	1798	108	0.1	47.5	1.6
data7-8-53-07238.txt	8	7	53	47	8.4	47	47.0	22472	49808	1	17	0.0	45.0	1.4
data7-8-53-07239.txt	8	7	53	61	3600.9	61	60.0	22472	49752	83651	694	0.4	55.0	2.5
data7-8-53-07240.txt	8	7	53	51	74.3	51	51.0	22472	49574	1677	125	0.1	48.0	2.1
data7-8-53-07241.txt	8	7	53	44	7.0	44	44.0	22472	49280	1	4	0.0	42.5	1.5
data7-8-53-07242.txt	8	7	53	51	162.3	51	51.0	22472	49541	2242	122	0.1	46.5	1.2
data7-8-53-07243.txt	8	7	53	52	6.0	52	52.0	22472	49452	201	151	0.1	50.2	2.2
data7-8-53-07244.txt	8	7	53	49	112.2	49	49.0	22472	49528	1546	85	0.0	43.0	2.1
data7-8-53-07245.txt	8	7	53	45	12.0	46	45.0	22472	49467	165	76	0.1	44.0	1.2
data7-8-53-07246.txt	8	7	53	43	4.5	43	43.0	22472	49579	1	12	0.0	40.5	0.8
data7-8-53-07247.txt	8	7	53	39	11.2	39	39.0	22472	49470	1	10	0.0	36.0	1.6

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-53-07248.txt	8	7	53	49	166.9	50	49.0	22472	49960	1308	232	0.1	44.5	2.2
data7-8-53-07249.txt	8	7	53	49	8.5	49	49.0	22472	50056	21	9	0.0	46.5	2.0
data7-8-53-07250.txt	8	7	53	47	16.0	47	47.0	22472	49715	1	1	0.0	43.7	1.5
data7-8-53-07251.txt	8	7	53	54	762.0	54	54.0	22472	49972	16224	334	0.1	52.0	1.7
data7-8-53-07252.txt	8	7	53	52	391.1	52	52.0	22472	50414	5695	253	0.2	49.0	2.1
data7-8-53-07253.txt	8	7	53	45	2.7	45	45.0	22472	49420	0	0	0.0	44.0	0.9
data7-8-53-07254.txt	8	7	53	56	247.0	57	56.0	22472	49668	1242	172	0.1	51.0	3.8
data7-8-53-07255.txt	8	7	53	47	6.1	47	47.0	22472	49909	115	5	0.0	42.5	0.9
data7-8-53-07256.txt	8	7	53	52	374.6	52	52.0	22472	50171	2519	234	0.2	47.5	2.3
data7-8-53-07257.txt	8	7	53	44	7.5	44	44.0	22472	49503	98	89	0.0	41.5	1.6
data7-8-53-07258.txt	8	7	53	53	680.4	54	53.0	22472	49712	11729	446	0.2	45.6	1.4
data7-8-53-07259.txt	8	7	53	49	29.0	49	49.0	22472	49906	550	38	0.0	44.5	1.9
data7-8-53-07260.txt	8	7	53	58	10.5	58	58.0	22472	49600	6	73	0.0	56.1	2.7
data7-8-53-07261.txt	8	7	53	44	30.6	44	44.0	22472	49376	614	53	0.0	41.5	2.0
data7-8-53-07262.txt	8	7	53	50	446.0	50	50.0	22472	50044	4613	21	0.0	43.5	2.7
data7-8-53-07263.txt	8	7	53	53	258.9	53	53.0	22472	49579	2850	37	0.0	47.7	1.9
data7-8-53-07264.txt	8	7	53	54	110.4	54	54.0	22472	49277	1596	148	0.1	47.5	1.8
data7-8-53-07265.txt	8	7	53	44	3.2	44	44.0	22472	49487	1	19	0.0	42.0	0.8
data7-8-53-07266.txt	8	7	53	44	5.2	44	44.0	22472	49726	0	3	0.0	42.5	1.4
data7-8-53-07267.txt	8	7	53	51	81.1	51	51.0	22472	49624	1052	7	0.0	46.0	1.9
data7-8-53-07268.txt	8	7	53	49	3.7	49	49.0	22472	49647	1	0	0.0	48.0	1.3
data7-8-53-07269.txt	8	7	53	51	251.9	51	51.0	22472	49575	8074	221	0.1	47.0	1.6
data7-8-53-07270.txt	8	7	53	56	201.1	56	56.0	22472	49971	1175	31	0.0	51.0	2.2
data7-8-53-07271.txt	8	7	53	42	4.0	42	42.0	22472	49226	1	1	0.0	40.0	0.9
data7-8-53-07272.txt	8	7	53	40	3.1	40	40.0	22472	49180	0	0	0.0	39.0	1.0
data7-8-53-07273.txt	8	7	53	49	228.7	49	49.0	22472	49533	2586	90	0.0	43.6	1.6
data7-8-53-07274.txt	8	7	53	44	174.4	45	44.0	22472	49547	1286	135	0.1	42.0	1.7
data7-8-53-07275.txt	8	7	53	51	1193.7	51	51.0	22472	49759	21672	498	0.2	46.5	1.4
data7-8-53-07276.txt	8	7	53	44	5.1	44	44.0	22472	49794	1	4	0.0	40.5	0.9
data7-8-53-07277.txt	8	7	53	43	52.2	43	43.0	22472	49919	946	29	0.0	39.5	1.5
data7-8-53-07278.txt	8	7	53	48	9.9	48	48.0	22472	49286	92	18	0.0	45.0	0.9
data7-8-53-07279.txt	8	7	53	43	10.6	43	43.0	22472	49533	309	78	0.0	40.5	1.8
data7-8-53-07280.txt	8	7	53	50	242.5	50	50.0	22472	49280	3235	145	0.1	45.0	1.6
data7-8-53-07281.txt	8	7	53	63	3601.5	63	60.0	22472	50412	28656	486	0.2	54.8	3.2
data7-8-53-07282.txt	8	7	53	42	3.1	42	42.0	22472	49788	1	21	0.0	39.8	1.4
data7-8-53-07283.txt	8	7	53	43	1.2	43	43.0	22472	49632	0	0	0.0	43.0	0.8
data7-8-53-07284.txt	8	7	53	48	12.3	48	48.0	22472	49744	22	122	0.1	43.4	1.7
data7-8-53-07285.txt	8	7	53	45	20.8	45	45.0	22472	49669	9	3	0.0	40.0	1.2
data7-8-53-07286.txt	8	7	53	57	121.9	57	57.0	22472	49485	3997	142	0.1	53.1	3.0
data7-8-53-07287.txt	8	7	53	41	42.2	41	41.0	22472	49472	771	2	0.0	38.0	1.5
data7-8-53-07288.txt	8	7	53	52	134.5	52	52.0	22472	49656	1943	120	0.1	48.0	1.9
data7-8-53-07289.txt	8	7	53	50	6.2	50	50.0	22472	49697	1	17	0.0	48.4	1.3
data7-8-53-07290.txt	8	7	53	56	21.5	56	56.0	22472	49634	14	22	0.0	50.0	2.7
data7-8-53-07291.txt	8	7	53	36	1.1	36	36.0	22472	49111	0	0	0.0	35.0	0.6
data7-8-53-07292.txt	8	7	53	52	151.1	52	52.0	22472	50051	2225	268	0.1	46.3	1.9
data7-8-53-07293.txt	8	7	53	36	2.3	36	36.0	22472	49091	0	0	0.0	36.0	1.0
data7-8-53-07294.txt	8	7	53	52	326.7	52	52.0	22472	49688	7986	118	0.1	49.0	2.5
data7-8-53-07295.txt	8	7	53	40	6.1	40	40.0	22472	49376	1	2	0.0	36.5	1.0
data7-8-53-07296.txt	8	7	53	48	10.2	48	48.0	22472	49530	43	20	0.0	45.4	2.7
data7-8-53-07297.txt	8	7	53	52	510.9	52	52.0	22472	49672	1384	67	0.0	48.1	2.1
data7-8-53-07298.txt	8	7	53	56	7.0	56	56.0	22472	49869	1	7	0.0	52.5	1.2
data7-8-53-07299.txt	8	7	53	52	99.9	52	52.0	22472	49675	1180	59	0.0	45.3	1.2
data7-8-53-07300.txt	8	7	53	46	7.2	46	46.0	22472	49612	1	0	0.0	43.5	1.5
data7-8-54-07301.txt	8	7	54	46	3.6	46	46.0	23328	51515	0	2	0.0	45.0	1.6
data7-8-54-07302.txt	8	7	54	53	70.6	53	53.0	23328	51627	1117	36	0.0	46.5	1.6
data7-8-54-07303.txt	8	7	54	47	36.3	47	47.0	23328	51365	1226	121	0.1	45.0	1.1
data7-8-54-07304.txt	8	7	54	38	11.7	38	38.0	23328	51575	599	35	0.0	34.2	1.1
data7-8-54-07305.txt	8	7	54	49	28.5	50	49.0	23328	51549	411	74	0.0	46.0	1.3
data7-8-54-07306.txt	8	7	54	57	11.0	57	57.0	23328	51496	5	47	0.0	54.5	2.6
data7-8-54-07307.txt	8	7	54	50	173.1	50	50.0	23328	51624	2093	48	0.0	42.5	2.0
data7-8-54-07308.txt	8	7	54	45	4.7	45	45.0	23328	51523	0	0	0.0	43.5	1.7
data7-8-54-07309.txt	8	7	54	45	3.0	45	45.0	23328	51214	1	61	0.0	43.0	1.0
data7-8-54-07310.txt	8	7	54	47	5.1	47	47.0	23328	51410	1	0	0.0	45.0	1.7
data7-8-54-07311.txt	8	7	54	47	3.3	47	47.0	23328	51574	1	4	0.0	44.5	1.2
data7-8-54-07312.txt	8	7	54	57	3.2	57	57.0	23328	51183	0	1	0.0	56.0	1.3
data7-8-54-07313.txt	8	7	54	41	5.8	41	41.0	23328	51544	9	20	0.0	39.0	1.4
data7-8-54-07314.txt	8	7	54	50	5.9	50	50.0	23328	51180	1	25	0.0	47.3	1.8
data7-8-54-07315.txt	8	7	54	43	37.4	43	43.0	23328	50987	2185	65	0.0	38.2	1.1
data7-8-54-07316.txt	8	7	54	55	277.9	55	55.0	23328	51587	4230	87	0.0	52.0	2.1
data7-8-54-07317.txt	8	7	54	56	719.5	56	56.0	23328	51828	3317	159	0.1	52.0	3.5

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-8-54-07318.txt	8	7	54	41	2.1	41	41.0	23328	51037	0	0	0.0	40.0	0.9
data7-8-54-07319.txt	8	7	54	59	800.7	60	59.0	23328	51647	10363	414	0.2	52.1	2.0
data7-8-54-07320.txt	8	7	54	46	9.6	46	46.0	23328	51533	36	22	0.0	43.4	1.2
data7-8-54-07321.txt	8	7	54	48	53.7	49	48.0	23328	51545	1280	93	0.0	47.0	3.0
data7-8-54-07322.txt	8	7	54	48	171.1	48	48.0	23328	51489	2411	39	0.0	43.6	2.8
data7-8-54-07323.txt	8	7	54	49	829.8	49	49.0	23328	51017	1607	82	0.1	45.2	1.4
data7-8-54-07324.txt	8	7	54	47	251.5	47	47.0	23328	51680	1864	61	0.0	40.5	1.7
data7-8-54-07325.txt	8	7	54	39	2.5	39	39.0	23328	51182	0	3	0.0	38.0	0.9
data7-8-54-07326.txt	8	7	54	33	8.9	33	33.0	23328	51109	1	0	0.0	30.5	1.1
data7-8-54-07327.txt	8	7	54	58	191.4	59	58.0	23328	51750	2472	180	0.1	56.2	1.7
data7-8-54-07328.txt	8	7	54	51	96.4	51	51.0	23328	51438	1656	0	0.0	45.5	2.3
data7-8-54-07329.txt	8	7	54	59	72.2	59	59.0	23328	51245	1201	204	0.1	55.0	1.5
data7-8-54-07330.txt	8	7	54	48	110.2	48	48.0	23328	51733	1207	104	0.0	43.0	1.5
data7-8-54-07331.txt	8	7	54	46	4.9	46	46.0	23328	51869	1	54	0.0	45.0	1.1
data7-8-54-07332.txt	8	7	54	51	2232.3	51	51.0	23328	51432	45992	491	0.2	45.0	1.6
data7-8-54-07333.txt	8	7	54	55	249.3	55	55.0	23328	51887	2459	257	0.1	47.9	3.9
data7-8-54-07334.txt	8	7	54	42	1.8	42	42.0	23328	51348	0	0	0.0	41.0	1.0
data7-8-54-07335.txt	8	7	54	46	58.3	47	46.0	23328	51465	1053	92	0.0	42.5	1.2
data7-8-54-07336.txt	8	7	54	52	654.8	52	52.0	23328	51579	8354	289	0.1	47.0	1.8
data7-8-54-07337.txt	8	7	54	48	298.7	48	48.0	23328	51787	1941	117	0.1	44.5	1.7
data7-8-54-07338.txt	8	7	54	44	4.8	44	44.0	23328	51396	1	5	0.0	42.1	1.9
data7-8-54-07339.txt	8	7	54	37	6.3	37	37.0	23328	51347	1	0	0.0	34.0	1.0
data7-8-54-07340.txt	8	7	54	48	89.6	48	48.0	23328	51412	2414	29	0.0	45.0	1.3
data7-8-54-07341.txt	8	7	54	46	163.2	46	46.0	23328	51488	1141	93	0.1	39.8	1.5
data7-8-54-07342.txt	8	7	54	55	338.4	55	55.0	23328	51502	15317	405	0.2	48.5	1.2
data7-8-54-07343.txt	8	7	54	47	6.8	47	47.0	23328	51667	112	33	0.0	44.6	1.9
data7-8-54-07344.txt	8	7	54	45	357.0	46	45.0	23328	51656	4436	266	0.1	41.5	1.6
data7-8-54-07345.txt	8	7	54	44	18.8	45	44.0	23328	51386	115	30	0.0	41.0	1.6
data7-8-54-07346.txt	8	7	54	44	2.6	44	44.0	23328	51377	0	0	0.0	44.0	1.1
data7-8-54-07347.txt	8	7	54	54	241.3	54	54.0	23328	51314	1390	207	0.1	50.8	1.8
data7-8-54-07348.txt	8	7	54	51	1207.9	51	51.0	23328	51825	3650	23	0.0	45.5	3.4
data7-8-54-07349.txt	8	7	54	42	5.1	42	42.0	23328	51106	1	2	0.0	40.3	0.9
data7-8-54-07350.txt	8	7	54	53	178.7	54	53.0	23328	51765	1748	205	0.1	51.2	1.6
data7-8-54-07351.txt	8	7	54	45	24.2	45	45.0	23328	51849	85	28	0.0	40.5	1.5
data7-8-54-07352.txt	8	7	54	41	4.0	41	41.0	23328	51394	18	35	0.0	39.0	1.0
data7-8-54-07353.txt	8	7	54	34	2.3	34	34.0	23328	51071	1	8	0.0	33.0	0.8
data7-8-54-07354.txt	8	7	54	42	2.4	42	42.0	23328	50970	0	5	0.0	41.0	0.9
data7-8-54-07355.txt	8	7	54	42	6.2	42	42.0	23328	51067	11	0	0.0	39.0	0.8
data7-8-54-07356.txt	8	7	54	44	58.5	44	44.0	23328	51442	1073	36	0.0	40.8	1.5
data7-8-54-07357.txt	8	7	54	41	63.9	41	41.0	23328	51571	1701	60	0.0	35.8	1.2
data7-8-54-07358.txt	8	7	54	44	5.5	44	44.0	23328	51137	18	26	0.0	38.0	1.0
data7-8-54-07359.txt	8	7	54	47	54.4	47	47.0	23328	51708	622	9	0.0	42.0	1.5
data7-8-54-07360.txt	8	7	54	50	14.3	50	50.0	23328	51692	396	30	0.0	45.5	1.6
data7-8-54-07361.txt	8	7	54	46	4.8	46	46.0	23328	51739	0	3	0.0	45.0	1.6
data7-8-54-07362.txt	8	7	54	54	108.4	54	54.0	23328	51658	1443	81	0.0	48.2	2.0
data7-8-54-07363.txt	8	7	54	51	80.6	51	51.0	23328	51608	2731	59	0.0	45.5	1.4
data7-8-54-07364.txt	8	7	54	51	81.1	51	51.0	23328	51273	1188	22	0.0	46.5	1.6
data7-8-54-07365.txt	8	7	54	45	1.4	45	45.0	23328	50874	0	0	0.0	45.0	0.9
data7-8-54-07366.txt	8	7	54	57	171.6	57	57.0	23328	51756	2014	155	0.1	52.0	1.5
data7-8-54-07367.txt	8	7	54	47	4.2	47	47.0	23328	51486	1	10	0.0	46.0	1.6
data7-8-54-07368.txt	8	7	54	45	2.0	45	45.0	23328	51152	0	0	0.0	44.7	0.9
data7-8-54-07369.txt	8	7	54	51	16.9	51	51.0	23328	51403	385	73	0.0	47.1	2.0
data7-8-54-07370.txt	8	7	54	49	44.7	50	49.0	23328	51840	1349	96	0.0	48.0	1.6
data7-8-54-07371.txt	8	7	54	27	1.4	27	27.0	23328	50513	0	0	0.0	27.0	0.5
data7-8-54-07372.txt	8	7	54	51	772.7	51	51.0	23328	51649	3086	116	0.1	46.2	2.1
data7-8-54-07373.txt	8	7	54	46	3.2	46	46.0	23328	51608	0	2	0.0	45.0	1.0
data7-8-54-07374.txt	8	7	54	43	5.0	43	43.0	23328	51504	1	2	0.0	41.5	1.4
data7-8-54-07375.txt	8	7	54	48	84.1	48	48.0	23328	51632	1262	14	0.0	44.5	1.6
data7-8-54-07376.txt	8	7	54	39	3.3	39	39.0	23328	51295	1	5	0.0	38.0	0.8
data7-8-54-07377.txt	8	7	54	51	3.7	51	51.0	23328	51151	0	0	0.0	50.0	1.2
data7-8-54-07378.txt	8	7	54	56	18.5	56	56.0	23328	51751	286	59	0.0	53.0	1.7
data7-8-54-07379.txt	8	7	54	46	24.9	46	46.0	23328	51381	379	11	0.0	41.4	1.1
data7-8-54-07380.txt	8	7	54	52	93.0	52	52.0	23328	51486	2143	14	0.0	47.5	1.6
data7-8-54-07381.txt	8	7	54	44	6.0	44	44.0	23328	51565	1	0	0.0	41.8	1.4
data7-8-54-07382.txt	8	7	54	45	4.0	45	45.0	23328	51359	0	0	0.0	44.0	2.0
data7-8-54-07383.txt	8	7	54	50	6.7	50	50.0	23328	51443	42	13	0.0	46.4	1.3
data7-8-54-07384.txt	8	7	54	47	10.8	47	47.0	23328	51227	9	15	0.0	44.2	1.7
data7-8-54-07385.txt	8	7	54	55	78.2	55	55.0	23328	51316	1983	82	0.0	51.0	3.6
data7-8-54-07386.txt	8	7	54	50	3.8	50	50.0	23328	51336	0	0	0.0	50.0	1.6
data7-8-54-07387.txt	8	7	54	52	5.6	52	52.0	23328	51487	1	7	0.0	50.0	2.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-54-07388.txt	8	7	54	50	9.6	50	50.0	23328	51680	1	16	0.0	47.5	1.6
data7-8-54-07389.txt	8	7	54	43	3.9	43	43.0	23328	51233	3	28	0.0	42.0	1.1
data7-8-54-07390.txt	8	7	54	45	27.3	45	45.0	23328	50891	1630	21	0.0	41.0	1.1
data7-8-54-07391.txt	8	7	54	50	8.4	51	50.0	23328	51638	14	101	0.1	48.5	1.6
data7-8-54-07392.txt	8	7	54	40	113.4	40	40.0	23328	51317	9641	186	0.1	38.1	1.3
data7-8-54-07393.txt	8	7	54	57	229.8	57	57.0	23328	51557	1375	67	0.0	49.4	2.1
data7-8-54-07394.txt	8	7	54	53	3601.2	53	52.0	23328	51743	21848	540	0.3	50.0	3.0
data7-8-54-07395.txt	8	7	54	59	122.1	59	59.0	23328	51600	1412	84	0.0	49.2	1.5
data7-8-54-07396.txt	8	7	54	53	9.3	53	53.0	23328	51500	1	9	0.0	50.5	1.6
data7-8-54-07397.txt	8	7	54	42	39.4	42	42.0	23328	51308	851	0	0.0	38.5	1.3
data7-8-54-07398.txt	8	7	54	39	3.4	39	39.0	23328	51046	1	4	0.0	37.0	1.0
data7-8-54-07399.txt	8	7	54	44	6.9	44	44.0	23328	51733	1	3	0.0	40.7	1.4
data7-8-54-07400.txt	8	7	54	45	4.3	45	45.0	23328	51693	1	2	0.0	42.0	0.8
data7-8-55-07401.txt	8	7	55	46	480.7	46	46.0	24200	53351	6847	154	0.1	39.0	1.8
data7-8-55-07402.txt	8	7	55	61	1049.2	61	61.0	24200	53797	7279	44	0.0	57.0	3.0
data7-8-55-07403.txt	8	7	55	52	516.3	52	52.0	24200	53360	3589	178	0.1	47.0	3.5
data7-8-55-07404.txt	8	7	55	47	53.3	47	47.0	24200	53007	3337	152	0.1	44.0	1.1
data7-8-55-07405.txt	8	7	55	48	58.7	48	48.0	24200	53311	2153	62	0.0	45.2	1.3
data7-8-55-07406.txt	8	7	55	48	139.8	48	48.0	24200	53319	1696	45	0.0	41.0	1.5
data7-8-55-07407.txt	8	7	55	55	256.0	56	55.0	24200	53493	948	219	0.1	52.0	2.4
data7-8-55-07408.txt	8	7	55	48	7.5	48	48.0	24200	53791	240	2	0.0	44.5	1.1
data7-8-55-07409.txt	8	7	55	50	68.3	50	50.0	24200	53445	1458	133	0.1	46.0	1.4
data7-8-55-07410.txt	8	7	55	52	64.5	53	52.0	24200	53299	1003	68	0.0	49.0	1.9
data7-8-55-07411.txt	8	7	55	52	7.5	52	52.0	24200	53500	1	39	0.0	48.5	1.2
data7-8-55-07412.txt	8	7	55	65	104.2	65	65.0	24200	53440	1345	37	0.0	59.5	2.3
data7-8-55-07413.txt	8	7	55	49	572.6	49	49.0	24200	53513	9245	24	0.0	44.0	2.7
data7-8-55-07414.txt	8	7	55	50	6.7	50	50.0	24200	53194	1	9	0.0	47.5	1.1
data7-8-55-07415.txt	8	7	55	44	11.4	44	44.0	24200	53421	1	9	0.0	41.5	1.5
data7-8-55-07416.txt	8	7	55	47	10.4	47	47.0	24200	53321	3	0	0.0	45.0	2.3
data7-8-55-07417.txt	8	7	55	53	88.7	53	53.0	24200	53505	1687	106	0.0	50.0	1.8
data7-8-55-07418.txt	8	7	55	45	4.3	45	45.0	24200	53433	1	4	0.0	44.0	1.3
data7-8-55-07419.txt	8	7	55	64	393.1	64	64.0	24200	53620	7133	396	0.2	53.7	3.5
data7-8-55-07420.txt	8	7	55	55	14.0	55	55.0	24200	53540	5	4	0.0	51.0	1.9
data7-8-55-07421.txt	8	7	55	45	36.7	45	45.0	24200	53146	589	18	0.0	42.0	1.8
data7-8-55-07422.txt	8	7	55	50	21.3	50	50.0	24200	53278	1075	54	0.0	48.0	1.3
data7-8-55-07423.txt	8	7	55	56	27.2	56	56.0	24200	53578	9	26	0.0	52.0	3.4
data7-8-55-07424.txt	8	7	55	48	5.8	48	48.0	24200	53160	1	2	0.0	47.0	1.5
data7-8-55-07425.txt	8	7	55	47	253.2	47	47.0	24200	53147	1876	18	0.0	44.2	2.0
data7-8-55-07426.txt	8	7	55	57	85.6	57	57.0	24200	53154	1215	48	0.0	52.5	2.0
data7-8-55-07427.txt	8	7	55	46	8.0	46	46.0	24200	53706	1	51	0.0	43.0	2.1
data7-8-55-07428.txt	8	7	55	52	3.6	52	52.0	24200	53623	0	3	0.0	51.0	1.8
data7-8-55-07429.txt	8	7	55	55	3601.4	55	54.0	24200	53828	23483	60	0.0	47.5	3.5
data7-8-55-07430.txt	8	7	55	48	76.2	48	48.0	24200	53250	3474	13	0.0	46.0	1.4
data7-8-55-07431.txt	8	7	55	54	225.8	54	54.0	24200	53431	1903	134	0.1	47.5	2.9
data7-8-55-07432.txt	8	7	55	42	26.2	42	42.0	24200	52864	1313	11	0.0	37.0	0.9
data7-8-55-07433.txt	8	7	55	60	88.9	60	60.0	24200	53532	2310	76	0.0	51.5	1.6
data7-8-55-07434.txt	8	7	55	52	84.4	52	52.0	24200	53487	3428	456	0.3	50.0	2.5
data7-8-55-07435.txt	8	7	55	50	164.1	50	50.0	24200	53285	1021	108	0.0	46.5	1.8
data7-8-55-07436.txt	8	7	55	58	32.0	58	58.0	24200	53309	3595	59	0.0	53.2	1.0
data7-8-55-07437.txt	8	7	55	55	23.4	55	55.0	24200	53397	223	13	0.0	52.0	2.4
data7-8-55-07438.txt	8	7	55	48	3.9	48	48.0	24200	53270	1	1	0.0	46.0	1.0
data7-8-55-07439.txt	8	7	55	44	3.2	44	44.0	24200	53214	45	40	0.0	41.5	1.1
data7-8-55-07440.txt	8	7	55	51	65.5	51	51.0	24200	53339	603	37	0.0	46.7	1.8
data7-8-55-07441.txt	8	7	55	57	34.3	57	57.0	24200	53376	1052	73	0.0	49.0	1.0
data7-8-55-07442.txt	8	7	55	39	60.1	41	39.0	24200	53387	606	115	0.1	37.0	1.4
data7-8-55-07443.txt	8	7	55	48	109.4	48	48.0	24200	53364	1150	46	0.0	43.7	1.8
data7-8-55-07444.txt	8	7	55	47	129.9	47	47.0	24200	53375	1361	140	0.1	42.2	1.2
data7-8-55-07445.txt	8	7	55	48	470.3	49	48.0	24200	53222	8228	181	0.1	42.6	2.3
data7-8-55-07446.txt	8	7	55	45	2.5	45	45.0	24200	53289	0	0	0.0	45.0	1.5
data7-8-55-07447.txt	8	7	55	52	5.1	52	52.0	24200	53319	1	11	0.0	46.0	1.5
data7-8-55-07448.txt	8	7	55	46	43.2	46	46.0	24200	53264	1610	34	0.0	42.0	1.2
data7-8-55-07449.txt	8	7	55	52	253.2	52	52.0	24200	53256	2244	100	0.1	46.0	3.4
data7-8-55-07450.txt	8	7	55	44	4.3	44	44.0	24200	52768	0	0	0.0	43.0	1.1
data7-8-55-07451.txt	8	7	55	52	432.8	53	52.0	24200	53398	2741	212	0.1	50.0	2.8
data7-8-55-07452.txt	8	7	55	54	6.6	54	54.0	24200	53409	2	59	0.0	53.0	2.0
data7-8-55-07453.txt	8	7	55	48	29.5	48	48.0	24200	53186	1319	9	0.0	43.5	1.1
data7-8-55-07454.txt	8	7	55	41	142.9	41	41.0	24200	53077	3404	14	0.0	37.4	1.6
data7-8-55-07455.txt	8	7	55	48	144.8	48	48.0	24200	53371	2126	76	0.0	42.8	2.1
data7-8-55-07456.txt	8	7	55	51	17.1	51	51.0	24200	53357	173	6	0.0	48.0	1.4
data7-8-55-07457.txt	8	7	55	53	76.9	53	53.0	24200	53162	2790	23	0.0	49.5	1.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-8-55-07458.txt	8	7	55	54	171.7	54	54.0	24200	53223	2151	96	0.1	50.0	4.8
data7-8-55-07459.txt	8	7	55	52	6.7	52	52.0	24200	53568	1	4	0.0	49.2	2.1
data7-8-55-07460.txt	8	7	55	47	7.0	47	47.0	24200	53257	265	24	0.0	43.0	1.1
data7-8-55-07461.txt	8	7	55	50	7.9	51	50.0	24200	53425	25	69	0.0	48.0	1.3
data7-8-55-07462.txt	8	7	55	49	13.8	49	49.0	24200	53369	175	37	0.0	46.5	1.5
data7-8-55-07463.txt	8	7	55	51	496.0	51	51.0	24200	53300	5211	132	0.1	47.0	2.7
data7-8-55-07464.txt	8	7	55	51	3.5	51	51.0	24200	53301	1	4	0.0	50.0	1.2
data7-8-55-07465.txt	8	7	55	41	86.1	41	41.0	24200	53368	1863	48	0.0	35.3	1.4
data7-8-55-07466.txt	8	7	55	45	11.9	45	45.0	24200	53046	16	6	0.0	42.0	1.1
data7-8-55-07467.txt	8	7	55	52	659.8	52	52.0	24200	53615	11771	66	0.0	45.0	2.5
data7-8-55-07468.txt	8	7	55	55	182.3	55	55.0	24200	53355	1563	104	0.1	51.0	2.5
data7-8-55-07469.txt	8	7	55	54	122.0	54	54.0	24200	53700	2400	95	0.1	50.8	1.8
data7-8-55-07470.txt	8	7	55	52	660.5	52	52.0	24200	53216	3361	118	0.1	46.5	1.9
data7-8-55-07471.txt	8	7	55	57	247.1	57	57.0	24200	53424	2193	214	0.1	52.7	2.1
data7-8-55-07472.txt	8	7	55	55	99.0	55	55.0	24200	53338	1134	43	0.0	48.4	2.5
data7-8-55-07473.txt	8	7	55	46	142.0	46	46.0	24200	53491	1969	50	0.0	41.5	1.6
data7-8-55-07474.txt	8	7	55	54	5.4	54	54.0	24200	53618	1	30	0.0	51.7	1.9
data7-8-55-07475.txt	8	7	55	60	1644.3	60	60.0	24200	53543	15713	258	0.1	50.8	3.1
data7-8-55-07476.txt	8	7	55	68	3601.5	68	67.0	24200	53538	29901	60	0.0	61.0	3.3
data7-8-55-07477.txt	8	7	55	57	1824.0	58	57.0	24200	53747	11491	329	0.2	54.0	4.0
data7-8-55-07478.txt	8	7	55	55	3601.4	55	53.0	24200	53714	68676	303	0.2	48.0	3.1
data7-8-55-07479.txt	8	7	55	51	4.8	51	51.0	24200	53531	0	0	0.0	50.5	2.1
data7-8-55-07480.txt	8	7	55	53	237.5	53	53.0	24200	53284	1661	8	0.0	46.5	2.7
data7-8-55-07481.txt	8	7	55	47	95.3	47	47.0	24200	53058	2138	40	0.0	43.5	1.2
data7-8-55-07482.txt	8	7	55	50	85.2	50	50.0	24200	53261	1062	69	0.0	46.8	1.5
data7-8-55-07483.txt	8	7	55	56	552.8	56	56.0	24200	54033	12838	446	0.2	46.5	2.1
data7-8-55-07484.txt	8	7	55	49	7.5	49	49.0	24200	53120	1	11	0.0	46.0	1.2
data7-8-55-07485.txt	8	7	55	39	16.8	39	39.0	24200	52922	676	42	0.0	37.0	0.8
data7-8-55-07486.txt	8	7	55	40	54.8	40	40.0	24200	53573	1069	9	0.0	36.5	1.1
data7-8-55-07487.txt	8	7	55	44	7.7	44	44.0	24200	53094	54	0	0.0	41.0	1.1
data7-8-55-07488.txt	8	7	55	51	21.8	51	51.0	24200	53347	551	32	0.0	47.0	1.3
data7-8-55-07489.txt	8	7	55	54	202.6	54	54.0	24200	53367	3845	81	0.0	50.2	1.6
data7-8-55-07490.txt	8	7	55	40	2.2	40	40.0	24200	52925	0	0	0.0	39.6	1.0
data7-8-55-07491.txt	8	7	55	43	23.4	43	43.0	24200	53417	1084	73	0.0	40.5	1.3
data7-8-55-07492.txt	8	7	55	42	9.3	42	42.0	24200	53214	1	4	0.0	40.0	1.3
data7-8-55-07493.txt	8	7	55	52	322.4	52	52.0	24200	53450	786	3	0.0	47.0	3.0
data7-8-55-07494.txt	8	7	55	46	64.7	46	46.0	24200	53434	2249	17	0.0	41.4	1.3
data7-8-55-07495.txt	8	7	55	43	4.2	43	43.0	24200	53294	1	3	0.0	41.5	1.2
data7-8-55-07496.txt	8	7	55	42	75.9	42	42.0	24200	53132	1142	0	0.0	35.5	1.3
data7-8-55-07497.txt	8	7	55	55	3601.5	55	54.0	24200	53678	122232	419	0.3	51.0	2.0
data7-8-55-07498.txt	8	7	55	44	7.5	44	44.0	24200	53114	68	7	0.0	41.3	1.1
data7-8-55-07499.txt	8	7	55	48	299.5	48	48.0	24200	53507	4380	92	0.0	45.0	2.1
data7-8-55-07500.txt	8	7	55	51	7.9	52	51.0	24200	53124	45	54	0.0	46.8	1.1
data7-9-56-09301.txt	9	7	56	52	110.2	52	52.0	28224	62195	590	8	0.0	44.5	2.4
data7-9-56-09302.txt	9	7	56	55	430.0	55	55.0	28224	62138	1791	1	0.0	48.3	3.9
data7-9-56-09303.txt	9	7	56	42	11.5	42	42.0	28224	62297	1	0	0.0	39.0	2.5
data7-9-56-09304.txt	9	7	56	46	22.8	46	46.0	28224	61953	1	2	0.0	44.0	1.9
data7-9-56-09305.txt	9	7	56	41	6.7	41	41.0	28224	61650	1	7	0.0	39.5	1.2
data7-9-56-09306.txt	9	7	56	43	4.7	43	43.0	28224	61653	0	0	0.0	42.5	1.4
data7-9-56-09307.txt	9	7	56	47	89.9	47	47.0	28224	62333	1600	19	0.0	42.0	1.9
data7-9-56-09308.txt	9	7	56	47	19.0	48	47.0	28224	62507	107	71	0.0	45.5	2.0
data7-9-56-09309.txt	9	7	56	51	286.6	52	51.0	28224	62414	1286	165	0.1	47.3	4.1
data7-9-56-09310.txt	9	7	56	49	24.4	49	49.0	28224	61730	1	11	0.0	44.0	1.8
data7-9-56-09311.txt	9	7	56	47	8.9	47	47.0	28224	62528	1	0	0.0	45.3	3.1
data7-9-56-09312.txt	9	7	56	42	7.8	42	42.0	28224	62193	1	0	0.0	40.0	1.6
data7-9-56-09313.txt	9	7	56	46	3.4	46	46.0	28224	62245	0	0	0.0	45.3	1.3
data7-9-56-09314.txt	9	7	56	42	3.3	42	42.0	28224	61819	1	4	0.0	41.0	1.5
data7-9-56-09315.txt	9	7	56	51	10.5	51	51.0	28224	62151	1	5	0.0	48.5	1.8
data7-9-56-09316.txt	9	7	56	51	3601.3	51	48.0	28224	62596	8092	8	0.0	41.7	4.6
data7-9-56-09317.txt	9	7	56	55	343.9	57	55.0	28224	62617	1929	275	0.2	51.0	2.6
data7-9-56-09318.txt	9	7	56	43	136.7	44	43.0	28224	62005	1184	36	0.0	39.0	2.1
data7-9-56-09319.txt	9	7	56	49	10.2	49	49.0	28224	62486	1	0	0.0	46.0	2.4
data7-9-56-09320.txt	9	7	56	45	14.7	45	45.0	28224	62018	9	0	0.0	41.5	2.6
data7-9-56-09321.txt	9	7	56	48	7.9	48	48.0	28224	62483	1	44	0.0	47.0	2.2
data7-9-56-09322.txt	9	7	56	43	7.5	43	43.0	28224	61846	0	0	0.0	41.5	2.2
data7-9-56-09323.txt	9	7	56	46	6.7	46	46.0	28224	61926	0	0	0.0	46.0	2.4
data7-9-56-09324.txt	9	7	56	47	3.4	47	47.0	28224	62250	0	0	0.0	46.0	1.6
data7-9-56-09325.txt	9	7	56	49	116.0	49	49.0	28224	62399	1575	0	0.0	45.5	4.7
data7-9-56-09326.txt	9	7	56	47	24.6	47	47.0	28224	61862	1	0	0.0	44.0	3.7
data7-9-56-09327.txt	9	7	56	51	155.6	52	51.0	28224	62395	1196	192	0.1	47.4	2.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-9-56-09328.txt	9	7	56	46	17.2	46	46.0	28224	62584	77	0	0.0	41.5	3.5
data7-9-56-09329.txt	9	7	56	46	29.2	46	46.0	28224	62433	40	27	0.0	42.0	3.0
data7-9-56-09330.txt	9	7	56	44	4.4	44	44.0	28224	61609	0	0	0.0	43.0	1.4
data7-9-56-09331.txt	9	7	56	51	9.1	51	51.0	28224	62182	17	0	0.0	48.1	1.4
data7-9-56-09332.txt	9	7	56	44	4.7	44	44.0	28224	62250	0	0	0.0	43.0	2.8
data7-9-56-09333.txt	9	7	56	43	7.7	43	43.0	28224	61757	1	0	0.0	40.2	1.9
data7-9-56-09334.txt	9	7	56	48	10.2	48	48.0	28224	62321	1	0	0.0	46.0	3.2
data7-9-56-09335.txt	9	7	56	42	4.4	42	42.0	28224	61563	1	20	0.0	41.0	1.4
data7-9-56-09336.txt	9	7	56	46	3.8	46	46.0	28224	62046	0	1	0.0	45.0	1.9
data7-9-56-09337.txt	9	7	56	46	10.1	46	46.0	28224	62341	1	0	0.0	44.5	2.4
data7-9-56-09338.txt	9	7	56	47	22.5	48	47.0	28224	62441	126	50	0.0	43.0	3.1
data7-9-56-09339.txt	9	7	56	44	151.6	44	44.0	28224	62394	1558	0	0.0	39.4	2.5
data7-9-56-09340.txt	9	7	56	46	8.6	46	46.0	28224	62149	13	65	0.0	44.5	2.0
data7-9-56-09341.txt	9	7	56	47	228.1	47	47.0	28224	62599	1116	3	0.0	41.0	3.1
data7-9-56-09342.txt	9	7	56	47	7.3	47	47.0	28224	61793	0	0	0.0	46.5	3.2
data7-9-56-09343.txt	9	7	56	46	70.9	47	46.0	28224	62156	268	18	0.0	43.0	2.4
data7-9-56-09344.txt	9	7	56	48	272.5	48	48.0	28224	61959	2298	25	0.0	43.1	3.7
data7-9-56-09345.txt	9	7	56	44	267.3	45	44.0	28224	62238	2981	285	0.2	40.0	2.2
data7-9-56-09346.txt	9	7	56	34	2.2	34	34.0	28224	61519	0	0	0.0	33.5	0.8
data7-9-56-09347.txt	9	7	56	42	12.2	42	42.0	28224	61908	1	4	0.0	38.5	1.1
data7-9-56-09348.txt	9	7	56	48	30.5	48	48.0	28224	62512	29	22	0.0	45.0	5.0
data7-9-56-09349.txt	9	7	56	43	6.7	43	43.0	28224	61667	0	0	0.0	42.0	1.9
data7-9-56-09350.txt	9	7	56	49	166.5	49	49.0	28224	61893	2541	60	0.0	47.0	3.3
data7-9-56-09351.txt	9	7	56	44	201.4	44	44.0	28224	62567	1232	93	0.1	39.8	2.8
data7-9-56-09352.txt	9	7	56	48	155.5	49	48.0	28224	62392	679	62	0.0	43.0	2.6
data7-9-56-09353.txt	9	7	56	50	61.5	50	50.0	28224	62572	144	6	0.0	45.6	4.4
data7-9-56-09354.txt	9	7	56	51	42.6	51	51.0	28224	62438	192	11	0.0	47.5	4.6
data7-9-56-09355.txt	9	7	56	53	283.8	54	53.0	28224	62079	1347	58	0.0	46.5	4.2
data7-9-56-09356.txt	9	7	56	43	6.4	43	43.0	28224	61965	1	0	0.0	40.5	2.0
data7-9-56-09357.txt	9	7	56	44	14.5	44	44.0	28224	62418	1	0	0.0	43.0	4.3
data7-9-56-09358.txt	9	7	56	48	273.6	48	48.0	28224	62627	5632	15	0.0	43.0	5.8
data7-9-56-09359.txt	9	7	56	39	4.1	39	39.0	28224	61833	0	0	0.0	38.0	1.3
data7-9-56-09360.txt	9	7	56	42	293.6	42	42.0	28224	62017	1065	0	0.0	37.2	2.3
data7-9-56-09361.txt	9	7	56	44	6.8	44	44.0	28224	62124	1	11	0.0	42.0	2.0
data7-9-56-09362.txt	9	7	56	51	274.6	52	51.0	28224	62279	1454	55	0.0	44.5	3.8
data7-9-56-09363.txt	9	7	56	45	12.9	46	45.0	28224	62247	46	27	0.0	43.0	3.0
data7-9-56-09364.txt	9	7	56	40	8.4	40	40.0	28224	61891	3	8	0.0	37.5	1.5
data7-9-56-09365.txt	9	7	56	48	16.9	48	48.0	28224	62437	1	60	0.1	46.0	3.2
data7-9-56-09366.txt	9	7	56	54	281.7	54	54.0	28224	62657	1102	10	0.0	51.0	5.5
data7-9-56-09367.txt	9	7	56	47	26.5	47	47.0	28224	62308	1	0	0.0	43.0	3.1
data7-9-56-09368.txt	9	7	56	46	13.4	46	46.0	28224	61685	6	14	0.0	43.8	2.0
data7-9-56-09369.txt	9	7	56	46	10.8	46	46.0	28224	62218	24	15	0.0	43.0	2.0
data7-9-56-09370.txt	9	7	56	44	96.9	44	44.0	28224	61791	823	0	0.0	40.0	2.2
data7-9-56-09371.txt	9	7	56	47	33.4	48	47.0	28224	62306	43	34	0.0	44.0	2.6
data7-9-56-09372.txt	9	7	56	50	31.2	50	50.0	28224	62368	104	23	0.0	45.5	4.1
data7-9-56-09373.txt	9	7	56	47	856.3	48	47.0	28224	62431	4260	360	0.2	43.0	2.4
data7-9-56-09374.txt	9	7	56	44	66.3	45	44.0	28224	62125	635	47	0.0	41.0	2.0
data7-9-56-09375.txt	9	7	56	38	2.9	38	38.0	28224	61344	0	0	0.0	38.0	1.2
data7-9-56-09376.txt	9	7	56	44	7.6	44	44.0	28224	61687	1	32	0.0	42.5	2.3
data7-9-56-09377.txt	9	7	56	45	140.9	45	45.0	28224	62123	1984	141	0.1	39.0	2.2
data7-9-56-09378.txt	9	7	56	44	26.8	45	44.0	28224	62212	341	91	0.1	42.5	3.4
data7-9-56-09379.txt	9	7	56	44	14.0	44	44.0	28224	61844	1	0	0.0	40.5	1.6
data7-9-56-09380.txt	9	7	56	47	9.0	47	47.0	28224	61700	1	0	0.0	46.0	5.0
data7-9-56-09381.txt	9	7	56	46	11.8	46	46.0	28224	62557	1	0	0.0	44.0	2.8
data7-9-56-09382.txt	9	7	56	51	11.1	51	51.0	28224	62257	34	100	0.1	49.5	5.6
data7-9-56-09383.txt	9	7	56	42	14.4	42	42.0	28224	62299	1	0	0.0	39.5	2.1
data7-9-56-09384.txt	9	7	56	43	15.2	44	43.0	28224	61813	5	31	0.0	41.7	1.8
data7-9-56-09385.txt	9	7	56	48	307.6	49	48.0	28224	62424	1245	210	0.2	45.0	2.3
data7-9-56-09386.txt	9	7	56	48	20.0	48	48.0	28224	62359	1	0	0.0	45.8	2.9
data7-9-56-09387.txt	9	7	56	48	24.6	48	48.0	28224	62134	1	4	0.0	46.0	2.8
data7-9-56-09388.txt	9	7	56	40	4.9	40	40.0	28224	61582	1	0	0.0	38.2	1.4
data7-9-56-09389.txt	9	7	56	46	77.2	46	46.0	28224	62254	573	18	0.0	41.5	2.9
data7-9-56-09390.txt	9	7	56	40	4.4	40	40.0	28224	61842	0	0	0.0	40.0	1.3
data7-9-56-09391.txt	9	7	56	47	1150.9	47	47.0	28224	62124	21375	602	0.4	39.5	1.6
data7-9-56-09392.txt	9	7	56	48	100.6	48	48.0	28224	62080	1649	66	0.0	45.0	1.8
data7-9-56-09393.txt	9	7	56	48	41.1	49	48.0	28224	62197	26	54	0.0	45.0	2.4
data7-9-56-09394.txt	9	7	56	48	92.2	48	48.0	28224	62263	1101	0	0.0	43.6	2.3
data7-9-56-09395.txt	9	7	56	43	5.5	43	43.0	28224	61345	1	0	0.0	41.0	1.2
data7-9-56-09396.txt	9	7	56	53	679.1	53	53.0	28224	62687	1362	109	0.1	50.8	4.7
data7-9-56-09397.txt	9	7	56	45	5.3	45	45.0	28224	62669	0	0	0.0	45.0	2.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-9-56-09398.txt	9	7	56	41	4.0	41	41.0	28224	61722	1	6	0.0	40.0	1.3
data7-9-56-09399.txt	9	7	56	55	1259.7	55	55.0	28224	62417	4118	49	0.0	48.5	5.1
data7-9-56-09400.txt	9	7	56	47	230.8	47	47.0	28224	62199	1155	69	0.0	39.0	1.9
data7-9-57-09401.txt	9	7	57	42	7.2	43	42.0	29241	64134	15	44	0.0	41.5	1.6
data7-9-57-09402.txt	9	7	57	41	4.4	41	41.0	29241	64028	0	0	0.0	40.4	1.7
data7-9-57-09403.txt	9	7	57	51	259.3	51	51.0	29241	64266	2836	112	0.1	45.0	2.2
data7-9-57-09404.txt	9	7	57	39	4.0	39	39.0	29241	63600	0	0	0.0	38.0	1.2
data7-9-57-09405.txt	9	7	57	46	18.4	47	46.0	29241	64456	93	74	0.1	44.0	2.2
data7-9-57-09406.txt	9	7	57	38	13.8	38	38.0	29241	64146	1	0	0.0	35.0	1.5
data7-9-57-09407.txt	9	7	57	56	38.7	56	56.0	29241	64869	63	36	0.0	54.0	4.3
data7-9-57-09408.txt	9	7	57	44	8.0	44	44.0	29241	64163	0	0	0.0	43.0	2.9
data7-9-57-09409.txt	9	7	57	55	2065.7	55	55.0	29241	64835	15050	326	0.2	51.0	4.5
data7-9-57-09410.txt	9	7	57	55	209.4	55	55.0	29241	64412	3123	102	0.0	49.0	2.3
data7-9-57-09411.txt	9	7	57	51	6.8	51	51.0	29241	64631	0	0	0.0	50.1	3.5
data7-9-57-09412.txt	9	7	57	48	210.7	48	48.0	29241	64984	2182	49	0.0	42.0	3.0
data7-9-57-09413.txt	9	7	57	54	9.5	54	54.0	29241	64681	1	40	0.0	53.0	3.1
data7-9-57-09414.txt	9	7	57	50	50.2	50	50.0	29241	64559	358	35	0.0	48.0	2.9
data7-9-57-09415.txt	9	7	57	51	206.6	51	51.0	29241	64245	2574	149	0.1	47.5	2.4
data7-9-57-09416.txt	9	7	57	49	175.5	50	49.0	29241	64334	601	8	0.0	46.0	2.5
data7-9-57-09417.txt	9	7	57	48	44.5	48	48.0	29241	64398	1	0	0.0	44.5	3.6
data7-9-57-09418.txt	9	7	57	55	982.9	55	55.0	29241	64798	5972	129	0.1	50.6	4.0
data7-9-57-09419.txt	9	7	57	46	18.1	46	46.0	29241	64845	1	0	0.0	42.8	4.7
data7-9-57-09420.txt	9	7	57	48	231.7	48	48.0	29241	64736	6676	115	0.1	42.0	1.7
data7-9-57-09421.txt	9	7	57	44	80.1	44	44.0	29241	64201	1145	4	0.0	40.0	1.9
data7-9-57-09422.txt	9	7	57	47	108.9	48	47.0	29241	64309	1257	81	0.1	44.3	2.2
data7-9-57-09423.txt	9	7	57	51	348.0	52	51.0	29241	64833	2029	124	0.1	46.3	3.7
data7-9-57-09424.txt	9	7	57	54	3601.7	54	53.0	29241	64757	15903	327	0.2	47.5	4.2
data7-9-57-09425.txt	9	7	57	48	12.0	48	48.0	29241	64454	195	51	0.0	45.5	2.7
data7-9-57-09426.txt	9	7	57	47	243.8	47	47.0	29241	64270	2565	0	0.0	42.0	2.7
data7-9-57-09427.txt	9	7	57	56	1684.4	56	56.0	29241	64595	5303	271	0.2	50.0	3.8
data7-9-57-09428.txt	9	7	57	38	2.9	38	38.0	29241	64041	0	0	0.0	38.0	1.0
data7-9-57-09429.txt	9	7	57	42	9.9	42	42.0	29241	63893	1	0	0.0	40.0	2.2
data7-9-57-09430.txt	9	7	57	60	199.0	60	60.0	29241	64576	553	19	0.0	55.5	4.6
data7-9-57-09431.txt	9	7	57	37	4.0	37	37.0	29241	63412	0	0	0.0	36.0	1.2
data7-9-57-09432.txt	9	7	57	44	37.4	44	44.0	29241	63968	1194	36	0.0	42.0	1.6
data7-9-57-09433.txt	9	7	57	43	5.4	43	43.0	29241	63961	1	0	0.0	41.0	1.4
data7-9-57-09434.txt	9	7	57	54	19.5	55	54.0	29241	64741	311	70	0.0	52.0	2.9
data7-9-57-09435.txt	9	7	57	60	3601.9	60	59.0	29241	65041	22803	150	0.1	56.5	6.0
data7-9-57-09436.txt	9	7	57	47	58.4	47	47.0	29241	64309	1499	8	0.0	43.0	1.8
data7-9-57-09437.txt	9	7	57	44	23.7	44	44.0	29241	64771	79	0	0.0	40.8	1.9
data7-9-57-09438.txt	9	7	57	45	11.9	45	45.0	29241	64314	1	0	0.0	40.2	2.6
data7-9-57-09439.txt	9	7	57	44	12.2	44	44.0	29241	64608	1	0	0.0	41.5	2.0
data7-9-57-09440.txt	9	7	57	45	13.6	45	45.0	29241	64380	1	18	0.0	42.5	3.2
data7-9-57-09441.txt	9	7	57	56	278.1	56	56.0	29241	64283	1678	117	0.1	52.1	3.4
data7-9-57-09442.txt	9	7	57	50	138.1	50	50.0	29241	64619	630	0	0.0	44.5	3.5
data7-9-57-09443.txt	9	7	57	64	379.1	64	64.0	29241	64688	1503	86	0.0	58.2	3.9
data7-9-57-09444.txt	9	7	57	50	167.3	50	50.0	29241	64537	1132	6	0.0	43.5	3.3
data7-9-57-09445.txt	9	7	57	52	425.6	53	52.0	29241	64398	3040	467	0.3	47.5	2.1
data7-9-57-09446.txt	9	7	57	46	198.4	46	46.0	29241	64188	2322	0	0.0	39.0	2.0
data7-9-57-09447.txt	9	7	57	45	22.7	45	45.0	29241	64356	17	6	0.0	41.5	1.5
data7-9-57-09448.txt	9	7	57	45	38.9	45	45.0	29241	64405	1571	32	0.0	40.5	1.6
data7-9-57-09449.txt	9	7	57	46	55.7	46	46.0	29241	64367	1362	15	0.0	42.5	1.9
data7-9-57-09450.txt	9	7	57	34	3.5	34	34.0	29241	63629	1	0	0.0	32.0	0.9
data7-9-57-09451.txt	9	7	57	50	192.2	50	50.0	29241	64387	1851	92	0.1	45.5	1.5
data7-9-57-09452.txt	9	7	57	47	8.4	47	47.0	29241	64266	0	0	0.0	46.5	3.5
data7-9-57-09453.txt	9	7	57	52	82.9	52	52.0	29241	64068	1247	73	0.0	46.5	2.1
data7-9-57-09454.txt	9	7	57	49	10.2	49	49.0	29241	64199	53	12	0.0	45.8	1.2
data7-9-57-09455.txt	9	7	57	46	158.1	48	46.0	29241	64819	529	45	0.0	43.0	3.5
data7-9-57-09456.txt	9	7	57	47	307.4	47	47.0	29241	64158	1904	134	0.1	40.0	1.9
data7-9-57-09457.txt	9	7	57	49	245.8	49	49.0	29241	64566	772	71	0.0	45.1	4.6
data7-9-57-09458.txt	9	7	57	35	2.8	35	35.0	29241	63747	0	0	0.0	34.2	0.9
data7-9-57-09459.txt	9	7	57	53	251.3	53	53.0	29241	64845	3063	89	0.1	49.5	2.3
data7-9-57-09460.txt	9	7	57	53	15.3	53	53.0	29241	64290	1	0	0.0	51.2	4.2
data7-9-57-09461.txt	9	7	57	49	6.8	49	49.0	29241	64412	0	0	0.0	49.0	3.1
data7-9-57-09462.txt	9	7	57	48	36.5	48	48.0	29241	64377	49	30	0.0	45.5	3.8
data7-9-57-09463.txt	9	7	57	48	9.4	48	48.0	29241	64294	0	7	0.0	47.0	3.5
data7-9-57-09464.txt	9	7	57	43	28.3	44	43.0	29241	64360	406	40	0.0	39.5	1.9
data7-9-57-09465.txt	9	7	57	41	5.7	41	41.0	29241	64007	1	12	0.0	39.0	1.2
data7-9-57-09466.txt	9	7	57	52	171.2	53	52.0	29241	64315	1182	101	0.1	45.4	4.3
data7-9-57-09467.txt	9	7	57	42	9.0	42	42.0	29241	64228	1	11	0.0	39.0	1.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-9-57-09468.txt	9	7	57	47	155.8	47	47.0	29241	64631	1128	52	0.0	45.0	2.7
data7-9-57-09469.txt	9	7	57	47	438.2	47	47.0	29241	64257	2632	13	0.0	39.5	2.9
data7-9-57-09470.txt	9	7	57	52	13.8	52	52.0	29241	64639	1	0	0.0	50.0	4.4
data7-9-57-09471.txt	9	7	57	47	4.5	47	47.0	29241	64317	0	0	0.0	47.0	1.6
data7-9-57-09472.txt	9	7	57	46	1061.1	46	46.0	29241	64590	1329	0	0.0	41.2	3.0
data7-9-57-09473.txt	9	7	57	53	9.3	53	53.0	29241	64464	0	0	0.0	53.0	3.9
data7-9-57-09474.txt	9	7	57	53	271.0	54	53.0	29241	64456	796	47	0.0	47.5	5.6
data7-9-57-09475.txt	9	7	57	49	12.8	49	49.0	29241	64540	1	0	0.0	46.0	2.3
data7-9-57-09476.txt	9	7	57	53	11.3	53	53.0	29241	64554	1545	187	0.1	51.5	2.4
data7-9-57-09477.txt	9	7	57	49	276.5	49	49.0	29241	64382	2105	53	0.0	44.0	2.9
data7-9-57-09478.txt	9	7	57	49	3.4	49	49.0	29241	64136	0	0	0.0	49.0	1.3
data7-9-57-09479.txt	9	7	57	45	70.9	45	45.0	29241	64106	1082	3	0.0	40.8	2.8
data7-9-57-09480.txt	9	7	57	51	47.1	52	51.0	29241	65202	55	74	0.1	50.0	5.3
data7-9-57-09481.txt	9	7	57	53	226.6	53	53.0	29241	64924	2699	169	0.1	47.4	2.1
data7-9-57-09482.txt	9	7	57	43	3.5	43	43.0	29241	63959	0	0	0.0	42.0	1.6
data7-9-57-09483.txt	9	7	57	46	185.8	46	46.0	29241	64369	1667	54	0.0	40.0	2.2
data7-9-57-09484.txt	9	7	57	46	5.8	47	46.0	29241	64113	1	11	0.0	43.5	1.4
data7-9-57-09485.txt	9	7	57	39	4.6	39	39.0	29241	63943	0	0	0.0	38.0	1.4
data7-9-57-09486.txt	9	7	57	43	13.6	43	43.0	29241	64243	1	6	0.0	41.0	2.0
data7-9-57-09487.txt	9	7	57	49	279.2	50	49.0	29241	64745	1093	88	0.1	45.0	3.4
data7-9-57-09488.txt	9	7	57	52	9.7	52	52.0	29241	64374	1	21	0.0	51.0	4.6
data7-9-57-09489.txt	9	7	57	56	492.9	57	56.0	29241	64742	1738	294	0.2	48.8	7.7
data7-9-57-09490.txt	9	7	57	60	3601.3	60	58.0	29241	64615	11805	663	0.4	54.0	8.4
data7-9-57-09491.txt	9	7	57	47	118.2	47	47.0	29241	64204	1139	40	0.0	41.5	1.8
data7-9-57-09492.txt	9	7	57	44	19.7	44	44.0	29241	64475	138	103	0.1	40.5	2.3
data7-9-57-09493.txt	9	7	57	45	10.6	45	45.0	29241	64450	1	1	0.0	39.8	2.0
data7-9-57-09494.txt	9	7	57	56	21.2	56	56.0	29241	64415	284	153	0.1	54.0	5.0
data7-9-57-09495.txt	9	7	57	58	531.8	58	58.0	29241	64997	1965	283	0.2	49.5	3.1
data7-9-57-09496.txt	9	7	57	54	2124.3	55	54.0	29241	64598	22907	130	0.1	52.0	4.0
data7-9-57-09497.txt	9	7	57	49	118.9	49	49.0	29241	64418	2424	105	0.1	44.2	1.8
data7-9-57-09498.txt	9	7	57	50	137.6	51	50.0	29241	64127	1681	158	0.1	46.0	2.3
data7-9-57-09499.txt	9	7	57	40	79.4	41	40.0	29241	64308	1264	258	0.1	37.0	1.3
data7-9-57-09500.txt	9	7	57	49	50.4	49	49.0	29241	64682	1378	36	0.0	44.5	2.2
data7-9-58-09501.txt	9	7	58	57	9.7	58	57.0	30276	66290	21	106	0.1	57.0	2.5
data7-9-58-09502.txt	9	7	58	53	395.7	54	53.0	30276	66594	929	86	0.1	49.0	4.3
data7-9-58-09503.txt	9	7	58	55	417.1	55	55.0	30276	67083	879	87	0.1	51.0	4.0
data7-9-58-09504.txt	9	7	58	49	169.3	49	49.0	30276	66650	2307	5	0.0	43.3	4.1
data7-9-58-09505.txt	9	7	58	46	8.0	46	46.0	30276	66349	40	43	0.0	43.5	2.6
data7-9-58-09506.txt	9	7	58	49	23.5	49	49.0	30276	66854	1	0	0.0	47.0	3.1
data7-9-58-09507.txt	9	7	58	61	517.6	61	61.0	30276	67170	1591	316	0.2	56.0	6.0
data7-9-58-09508.txt	9	7	58	48	9.2	48	48.0	30276	67170	1	26	0.0	46.2	3.6
data7-9-58-09509.txt	9	7	58	55	120.7	55	55.0	30276	67378	1090	11	0.0	51.3	3.7
data7-9-58-09510.txt	9	7	58	50	78.8	51	50.0	30276	66547	572	134	0.1	47.5	2.2
data7-9-58-09511.txt	9	7	58	50	242.7	50	50.0	30276	66964	2686	1	0.0	43.5	3.0
data7-9-58-09512.txt	9	7	58	54	168.4	54	54.0	30276	66725	1370	103	0.1	48.8	3.2
data7-9-58-09513.txt	9	7	58	54	8.1	54	54.0	30276	66695	0	0	0.0	53.0	2.4
data7-9-58-09514.txt	9	7	58	46	9.8	46	46.0	30276	66125	113	6	0.0	42.0	2.6
data7-9-58-09515.txt	9	7	58	47	12.6	47	47.0	30276	66618	1	0	0.0	44.5	3.3
data7-9-58-09516.txt	9	7	58	43	8.5	43	43.0	30276	65735	1	0	0.0	41.5	1.9
data7-9-58-09517.txt	9	7	58	57	184.1	57	57.0	30276	66727	1276	0	0.0	48.2	3.6
data7-9-58-09518.txt	9	7	58	41	63.8	41	41.0	30276	66310	2607	5	0.0	38.0	1.7
data7-9-58-09519.txt	9	7	58	50	339.7	50	50.0	30276	66704	4009	215	0.1	47.0	1.8
data7-9-58-09520.txt	9	7	58	52	8.0	52	52.0	30276	66400	4	1	0.0	49.0	2.0
data7-9-58-09521.txt	9	7	58	47	11.4	48	47.0	30276	66754	43	120	0.1	45.5	2.8
data7-9-58-09522.txt	9	7	58	56	141.8	56	56.0	30276	66649	1063	18	0.0	52.5	6.6
data7-9-58-09523.txt	9	7	58	51	194.0	51	51.0	30276	67259	1050	3	0.0	48.0	3.3
data7-9-58-09524.txt	9	7	58	58	307.6	58	58.0	30276	67189	2215	116	0.1	52.2	5.6
data7-9-58-09525.txt	9	7	58	46	10.1	46	46.0	30276	66542	1	0	0.0	44.0	2.2
data7-9-58-09526.txt	9	7	58	55	132.6	55	55.0	30276	66666	658	24	0.0	49.1	2.1
data7-9-58-09527.txt	9	7	58	53	325.4	54	53.0	30276	66776	1036	61	0.0	47.8	3.2
data7-9-58-09528.txt	9	7	58	45	3.3	45	45.0	30276	66293	0	0	0.0	45.0	1.3
data7-9-58-09529.txt	9	7	58	47	11.8	47	47.0	30276	66681	1	8	0.0	44.9	2.2
data7-9-58-09530.txt	9	7	58	54	14.6	54	54.0	30276	66869	1	0	0.0	50.5	2.6
data7-9-58-09531.txt	9	7	58	51	70.5	52	51.0	30276	67124	2724	138	0.1	48.2	3.0
data7-9-58-09532.txt	9	7	58	56	681.8	57	56.0	30276	67280	1917	176	0.1	51.1	10.2
data7-9-58-09533.txt	9	7	58	43	4.4	43	43.0	30276	66309	1	0	0.0	40.5	1.2
data7-9-58-09534.txt	9	7	58	46	8.1	46	46.0	30276	66910	0	1	0.0	44.5	2.4
data7-9-58-09535.txt	9	7	58	45	3.9	45	45.0	30276	66960	0	0	0.0	44.5	1.4
data7-9-58-09536.txt	9	7	58	51	26.0	52	51.0	30276	66726	165	137	0.1	48.0	3.7
data7-9-58-09537.txt	9	7	58	60	3601.6	60	58.0	30276	66764	26534	32	0.0	53.4	3.3

Name	<i>w</i>	<i>h</i>	<i>n</i>	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-9-58-09538.txt	9	7	58	60	156.7	61	60.0	30276	66716	806	203	0.1	56.5	5.1
data7-9-58-09539.txt	9	7	58	50	77.5	50	50.0	30276	66866	1040	35	0.0	48.0	4.7
data7-9-58-09540.txt	9	7	58	56	3008.8	56	56.0	30276	67280	22314	406	0.2	51.3	4.4
data7-9-58-09541.txt	9	7	58	53	3601.5	53	51.0	30276	67217	40692	505	0.3	44.0	2.2
data7-9-58-09542.txt	9	7	58	52	227.6	52	52.0	30276	66611	1362	116	0.1	47.0	3.2
data7-9-58-09543.txt	9	7	58	53	87.6	54	53.0	30276	66722	2830	113	0.1	50.0	2.2
data7-9-58-09544.txt	9	7	58	50	16.7	50	50.0	30276	66678	1	0	0.0	48.0	4.0
data7-9-58-09545.txt	9	7	58	47	145.9	47	47.0	30276	66300	1277	97	0.1	42.3	2.2
data7-9-58-09546.txt	9	7	58	50	183.8	50	50.0	30276	66920	1333	25	0.0	47.0	4.5
data7-9-58-09547.txt	9	7	58	53	749.1	53	53.0	30276	66697	5921	156	0.1	47.0	2.3
data7-9-58-09548.txt	9	7	58	51	17.3	51	51.0	30276	66768	1	17	0.0	48.7	3.6
data7-9-58-09549.txt	9	7	58	53	5.7	53	53.0	30276	66945	0	0	0.0	53.0	3.9
data7-9-58-09550.txt	9	7	58	45	3.8	45	45.0	30276	66202	0	0	0.0	45.0	1.5
data7-9-58-09551.txt	9	7	58	49	12.1	49	49.0	30276	66188	3	7	0.0	45.2	1.5
data7-9-58-09552.txt	9	7	58	53	91.2	53	53.0	30276	66710	1394	78	0.0	48.0	1.6
data7-9-58-09553.txt	9	7	58	54	343.1	55	54.0	30276	66961	5155	377	0.2	51.0	3.5
data7-9-58-09554.txt	9	7	58	49	6.0	49	49.0	30276	66968	0	0	0.0	49.0	4.2
data7-9-58-09555.txt	9	7	58	53	16.1	53	53.0	30276	66556	1	1	0.0	50.1	2.6
data7-9-58-09556.txt	9	7	58	56	256.8	56	56.0	30276	66906	1281	74	0.0	50.5	6.7
data7-9-58-09557.txt	9	7	58	46	11.2	46	46.0	30276	66753	1	10	0.0	42.4	2.1
data7-9-58-09558.txt	9	7	58	46	8.9	46	46.0	30276	66876	1	2	0.0	43.5	2.8
data7-9-58-09559.txt	9	7	58	41	5.3	41	41.0	30276	66366	1	0	0.0	39.3	1.5
data7-9-58-09560.txt	9	7	58	52	23.5	52	52.0	30276	66575	349	39	0.0	48.0	1.8
data7-9-58-09561.txt	9	7	58	48	126.7	48	48.0	30276	67295	3479	0	0.0	44.5	2.9
data7-9-58-09562.txt	9	7	58	47	410.5	49	47.0	30276	66246	2469	256	0.2	44.0	1.7
data7-9-58-09563.txt	9	7	58	53	5.9	53	53.0	30276	66527	0	0	0.0	53.0	2.2
data7-9-58-09564.txt	9	7	58	63	422.1	63	63.0	30276	66937	1205	201	0.1	57.2	5.0
data7-9-58-09565.txt	9	7	58	51	18.9	51	51.0	30276	66945	1	2	0.0	50.0	7.7
data7-9-58-09566.txt	9	7	58	47	175.2	47	47.0	30276	66374	1625	66	0.1	42.3	2.1
data7-9-58-09567.txt	9	7	58	46	775.8	47	46.0	30276	66825	1449	116	0.1	43.0	2.4
data7-9-58-09568.txt	9	7	58	46	16.2	46	46.0	30276	66426	345	64	0.1	44.0	2.4
data7-9-58-09569.txt	9	7	58	59	394.6	59	59.0	30276	66870	2853	38	0.0	55.3	4.2
data7-9-58-09570.txt	9	7	58	45	10.6	45	45.0	30276	66700	0	0	0.0	43.5	4.4
data7-9-58-09571.txt	9	7	58	43	10.8	43	43.0	30276	66409	1	0	0.0	40.0	1.6
data7-9-58-09572.txt	9	7	58	55	572.4	56	55.0	30276	67365	1296	180	0.1	48.6	6.1
data7-9-58-09573.txt	9	7	58	52	126.8	52	52.0	30276	66841	1428	31	0.0	49.0	2.5
data7-9-58-09574.txt	9	7	58	55	1424.9	56	55.0	30276	66919	5883	176	0.1	48.5	3.4
data7-9-58-09575.txt	9	7	58	58	296.7	58	58.0	30276	66682	2917	215	0.1	48.1	2.1
data7-9-58-09576.txt	9	7	58	44	4.7	44	44.0	30276	66802	0	0	0.0	44.0	2.8
data7-9-58-09577.txt	9	7	58	57	3601.8	57	54.0	30276	67288	6470	64	0.1	52.5	4.2
data7-9-58-09578.txt	9	7	58	53	13.5	53	53.0	30276	66592	1	0	0.0	51.0	3.3
data7-9-58-09579.txt	9	7	58	56	126.5	56	56.0	30276	66679	1436	142	0.1	51.5	2.7
data7-9-58-09580.txt	9	7	58	54	8.8	54	54.0	30276	67158	0	0	0.0	54.0	3.6
data7-9-58-09581.txt	9	7	58	54	472.6	55	54.0	30276	67073	744	11	0.0	49.4	4.3
data7-9-58-09582.txt	9	7	58	52	262.0	52	52.0	30276	67519	2849	6	0.0	46.8	9.3
data7-9-58-09583.txt	9	7	58	43	4.0	43	43.0	30276	66267	0	0	0.0	43.0	1.8
data7-9-58-09584.txt	9	7	58	58	70.3	58	58.0	30276	66953	429	17	0.0	52.0	4.5
data7-9-58-09585.txt	9	7	58	59	484.1	60	59.0	30276	67205	2617	143	0.1	50.5	2.1
data7-9-58-09586.txt	9	7	58	57	11.8	57	57.0	30276	67019	0	0	0.0	56.0	4.8
data7-9-58-09587.txt	9	7	58	50	1328.6	51	50.0	30276	66697	4773	130	0.1	44.0	3.3
data7-9-58-09588.txt	9	7	58	49	354.3	49	49.0	30276	66696	2284	42	0.0	46.0	3.4
data7-9-58-09589.txt	9	7	58	46	6.9	46	46.0	30276	66071	0	0	0.0	45.5	2.9
data7-9-58-09590.txt	9	7	58	41	12.5	41	41.0	30276	66994	1	0	0.0	39.0	3.9
data7-9-58-09591.txt	9	7	58	53	125.7	53	53.0	30276	66732	1592	69	0.0	48.2	3.3
data7-9-58-09592.txt	9	7	58	36	7.9	36	36.0	30276	66072	81	0	0.0	34.0	1.3
data7-9-58-09593.txt	9	7	58	47	8.4	47	47.0	30276	67017	1	7	0.0	46.0	2.0
data7-9-58-09594.txt	9	7	58	49	59.9	50	49.0	30276	66901	349	51	0.0	47.5	2.6
data7-9-58-09595.txt	9	7	58	54	14.2	54	54.0	30276	66771	1	0	0.0	52.5	4.2
data7-9-58-09596.txt	9	7	58	45	5.0	45	45.0	30276	66347	0	0	0.0	44.5	1.9
data7-9-58-09597.txt	9	7	58	53	971.5	53	53.0	30276	66274	24943	102	0.1	46.0	1.8
data7-9-58-09598.txt	9	7	58	42	6.2	42	42.0	30276	66503	1	10	0.0	41.0	1.8
data7-9-58-09599.txt	9	7	58	65	901.5	67	65.0	30276	67282	2632	703	0.6	58.8	7.0
data7-9-58-09600.txt	9	7	58	45	17.0	45	45.0	30276	66788	28	37	0.0	42.0	3.7
data7-9-59-09601.txt	9	7	59	56	1736.6	56	56.0	31329	68827	30113	454	0.3	49.5	1.8
data7-9-59-09602.txt	9	7	59	53	14.8	53	53.0	31329	69002	1	6	0.0	49.8	2.8
data7-9-59-09603.txt	9	7	59	57	26.4	57	57.0	31329	69174	1	7	0.0	53.5	7.1
data7-9-59-09604.txt	9	7	59	51	75.4	51	51.0	31329	68582	6197	178	0.1	46.3	2.2
data7-9-59-09605.txt	9	7	59	49	208.0	49	49.0	31329	68994	1891	143	0.1	47.0	2.1
data7-9-59-09606.txt	9	7	59	55	2371.3	55	55.0	31329	69398	6744	21	0.0	46.7	6.8
data7-9-59-09607.txt	9	7	59	57	509.5	57	57.0	31329	69272	3876	208	0.1	50.0	5.9

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-9-59-09608.txt	9	7	59	45	6.4	45	45.0	31329	68591	1	1	0.0	43.0	1.8
data7-9-59-09609.txt	9	7	59	56	461.7	56	56.0	31329	69222	2288	37	0.0	50.2	4.5
data7-9-59-09610.txt	9	7	59	55	8.0	55	55.0	31329	68849	0	0	0.0	54.2	2.9
data7-9-59-09611.txt	9	7	59	57	3602.0	58	56.0	31329	69491	26591	384	0.3	51.0	3.7
data7-9-59-09612.txt	9	7	59	50	28.6	50	50.0	31329	68762	228	1	0.0	45.5	3.1
data7-9-59-09613.txt	9	7	59	54	7.9	54	54.0	31329	69058	1	3	0.0	51.6	2.2
data7-9-59-09614.txt	9	7	59	69	135.3	69	69.0	31329	69510	3659	243	0.1	62.5	6.3
data7-9-59-09615.txt	9	7	59	56	175.2	56	56.0	31329	68989	1032	5	0.0	53.5	6.5
data7-9-59-09616.txt	9	7	59	49	518.0	51	49.0	31329	68958	1064	450	0.3	46.0	3.5
data7-9-59-09617.txt	9	7	59	55	5.7	55	55.0	31329	69419	15	64	0.0	52.0	1.0
data7-9-59-09618.txt	9	7	59	62	30.8	63	62.0	31329	69538	1	21	0.0	59.0	6.4
data7-9-59-09619.txt	9	7	59	42	69.9	42	42.0	31329	68515	1128	0	0.0	38.0	1.8
data7-9-59-09620.txt	9	7	59	49	9.7	49	49.0	31329	68606	1	31	0.0	47.0	2.2
data7-9-59-09621.txt	9	7	59	65	1002.6	65	65.0	31329	69089	5934	365	0.2	58.0	2.8
data7-9-59-09622.txt	9	7	59	56	365.9	56	56.0	31329	68919	1404	26	0.0	51.5	4.9
data7-9-59-09623.txt	9	7	59	53	6.1	53	53.0	31329	68192	1	12	0.0	51.0	1.5
data7-9-59-09624.txt	9	7	59	49	9.8	49	49.0	31329	68125	11	35	0.0	48.0	2.9
data7-9-59-09625.txt	9	7	59	58	400.3	59	58.0	31329	69223	3034	242	0.2	57.0	5.1
data7-9-59-09626.txt	9	7	59	52	384.4	52	52.0	31329	68432	742	75	0.0	45.5	2.2
data7-9-59-09627.txt	9	7	59	45	110.6	45	45.0	31329	68744	1056	1	0.0	40.5	2.1
data7-9-59-09628.txt	9	7	59	51	7.0	51	51.0	31329	68486	0	0	0.0	50.0	3.7
data7-9-59-09629.txt	9	7	59	58	249.6	59	58.0	31329	69214	2117	166	0.2	54.5	4.2
data7-9-59-09630.txt	9	7	59	55	589.0	55	55.0	31329	69057	3370	161	0.1	48.8	3.8
data7-9-59-09631.txt	9	7	59	58	166.9	58	58.0	31329	69232	572	74	0.0	51.5	2.8
data7-9-59-09632.txt	9	7	59	50	393.6	50	50.0	31329	69219	1301	99	0.1	45.8	3.6
data7-9-59-09633.txt	9	7	59	60	251.2	61	60.0	31329	68970	2115	219	0.1	53.5	2.0
data7-9-59-09634.txt	9	7	59	46	141.0	46	46.0	31329	68320	1651	66	0.0	42.5	1.4
data7-9-59-09635.txt	9	7	59	59	320.9	59	59.0	31329	69112	1087	117	0.1	55.0	4.8
data7-9-59-09636.txt	9	7	59	51	208.1	51	51.0	31329	68944	1355	30	0.0	47.5	2.3
data7-9-59-09637.txt	9	7	59	56	18.0	56	56.0	31329	69390	1	7	0.0	53.5	4.0
data7-9-59-09638.txt	9	7	59	49	8.9	49	49.0	31329	68954	48	40	0.0	47.5	2.7
data7-9-59-09639.txt	9	7	59	54	100.9	54	54.0	31329	69167	1185	77	0.0	47.5	1.5
data7-9-59-09640.txt	9	7	59	56	498.1	58	56.0	31329	68497	726	177	0.1	53.0	3.2
data7-9-59-09641.txt	9	7	59	43	2.9	43	43.0	31329	67980	1	1	0.0	41.5	1.3
data7-9-59-09642.txt	9	7	59	39	64.6	39	39.0	31329	68594	3181	108	0.1	34.2	1.3
data7-9-59-09643.txt	9	7	59	50	380.5	50	50.0	31329	68848	9021	159	0.1	46.0	3.5
data7-9-59-09644.txt	9	7	59	55	121.1	55	55.0	31329	69432	585	23	0.0	51.8	5.1
data7-9-59-09645.txt	9	7	59	51	12.0	51	51.0	31329	68641	1	0	0.0	48.3	2.7
data7-9-59-09646.txt	9	7	59	52	6.5	52	52.0	31329	68007	253	22	0.0	49.4	1.3
data7-9-59-09647.txt	9	7	59	54	13.6	54	54.0	31329	68833	58	63	0.0	52.0	4.5
data7-9-59-09648.txt	9	7	59	55	274.3	56	55.0	31329	68833	2405	79	0.1	51.7	4.0
data7-9-59-09649.txt	9	7	59	53	469.8	53	53.0	31329	69343	3318	7	0.0	45.0	4.8
data7-9-59-09650.txt	9	7	59	56	10.8	56	56.0	31329	69102	1	3	0.0	53.0	2.8
data7-9-59-09651.txt	9	7	59	52	532.7	53	52.0	31329	68969	3962	199	0.1	48.0	4.5
data7-9-59-09652.txt	9	7	59	52	26.7	52	52.0	31329	68794	1	29	0.0	48.5	5.2
data7-9-59-09653.txt	9	7	59	57	16.0	57	57.0	31329	69640	1	84	0.1	56.0	6.1
data7-9-59-09654.txt	9	7	59	54	157.0	54	54.0	31329	69380	2408	109	0.1	52.0	4.7
data7-9-59-09655.txt	9	7	59	53	36.8	53	53.0	31329	69550	6	37	0.0	50.2	6.5
data7-9-59-09656.txt	9	7	59	57	399.8	57	57.0	31329	69216	1663	57	0.0	51.5	6.8
data7-9-59-09657.txt	9	7	59	53	110.2	53	53.0	31329	68922	1881	330	0.2	48.0	1.7
data7-9-59-09658.txt	9	7	59	55	7.5	55	55.0	31329	68721	1	8	0.0	53.0	2.4
data7-9-59-09659.txt	9	7	59	58	16.8	58	58.0	31329	69077	141	83	0.1	55.5	3.0
data7-9-59-09660.txt	9	7	59	56	288.3	56	56.0	31329	69101	994	60	0.0	51.0	7.6
data7-9-59-09661.txt	9	7	59	55	27.2	55	55.0	31329	69027	68	25	0.0	52.5	5.0
data7-9-59-09662.txt	9	7	59	47	9.9	47	47.0	31329	68682	1	0	0.0	45.5	2.6
data7-9-59-09663.txt	9	7	59	59	884.3	59	59.0	31329	69569	1602	11	0.0	53.1	3.6
data7-9-59-09664.txt	9	7	59	63	3602.0	63	61.0	31329	69534	14886	532	0.3	57.0	9.9
data7-9-59-09665.txt	9	7	59	59	498.7	60	59.0	31329	69479	3641	270	0.2	54.7	3.5
data7-9-59-09666.txt	9	7	59	58	2936.8	58	58.0	31329	69278	9889	47	0.0	52.0	5.8
data7-9-59-09667.txt	9	7	59	65	393.8	65	65.0	31329	69274	3381	380	0.3	54.0	2.6
data7-9-59-09668.txt	9	7	59	51	90.8	52	51.0	31329	68712	1242	199	0.1	46.4	2.0
data7-9-59-09669.txt	9	7	59	48	20.4	48	48.0	31329	69219	23	6	0.0	44.0	2.8
data7-9-59-09670.txt	9	7	59	48	34.1	48	48.0	31329	68471	705	2	0.0	45.0	1.5
data7-9-59-09671.txt	9	7	59	51	60.2	51	51.0	31329	69022	648	4	0.0	48.5	2.4
data7-9-59-09672.txt	9	7	59	52	20.3	52	52.0	31329	69078	1	0	0.0	50.1	6.9
data7-9-59-09673.txt	9	7	59	52	3601.7	52	51.0	31329	69250	23184	180	0.1	48.0	2.7
data7-9-59-09674.txt	9	7	59	45	82.1	45	45.0	31329	69055	1220	33	0.0	42.0	2.0
data7-9-59-09675.txt	9	7	59	51	81.2	51	51.0	31329	69112	1186	11	0.0	45.0	2.6
data7-9-59-09676.txt	9	7	59	46	5.5	46	46.0	31329	68909	0	2	0.0	45.0	1.7
data7-9-59-09677.txt	9	7	59	51	411.8	52	51.0	31329	68691	3187	154	0.1	46.5	2.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-9-59-09678.txt	9	7	59	51	12.4	51	51.0	31329	68430	66	0	0.0	48.0	2.2
data7-9-59-09679.txt	9	7	59	44	47.4	45	44.0	31329	68945	1298	135	0.1	41.8	1.5
data7-9-59-09680.txt	9	7	59	52	21.8	52	52.0	31329	68996	61	19	0.0	49.0	2.8
data7-9-59-09681.txt	9	7	59	60	3601.1	60	58.0	31329	69398	9779	397	0.2	54.5	4.2
data7-9-59-09682.txt	9	7	59	51	54.9	53	51.0	31329	68863	270	116	0.1	49.3	2.5
data7-9-59-09683.txt	9	7	59	46	3.5	46	46.0	31329	68666	0	0	0.0	45.0	2.1
data7-9-59-09684.txt	9	7	59	60	11.3	61	60.0	31329	68968	85	245	0.1	57.0	4.5
data7-9-59-09685.txt	9	7	59	61	537.1	62	61.0	31329	69133	2665	252	0.2	51.2	3.5
data7-9-59-09686.txt	9	7	59	55	3245.2	56	55.0	31329	69096	26176	1178	0.8	47.5	3.5
data7-9-59-09687.txt	9	7	59	68	654.0	68	68.0	31329	68869	4828	23	0.0	58.9	3.2
data7-9-59-09688.txt	9	7	59	63	1479.2	64	63.0	31329	69220	19029	701	0.3	58.0	6.3
data7-9-59-09689.txt	9	7	59	52	10.9	52	52.0	31329	69066	1	14	0.0	51.0	3.7
data7-9-59-09690.txt	9	7	59	51	8.2	51	51.0	31329	68893	0	0	0.0	49.5	2.6
data7-9-59-09691.txt	9	7	59	48	218.3	49	48.0	31329	68588	2921	162	0.1	45.0	1.8
data7-9-59-09692.txt	9	7	59	54	125.0	54	54.0	31329	69211	571	9	0.0	50.1	4.6
data7-9-59-09693.txt	9	7	59	52	24.0	52	52.0	31329	68965	1	1	0.0	50.0	4.6
data7-9-59-09694.txt	9	7	59	57	299.3	57	57.0	31329	68885	794	100	0.1	52.7	2.5
data7-9-59-09695.txt	9	7	59	55	207.2	56	55.0	31329	68926	694	120	0.1	49.5	3.0
data7-9-59-09696.txt	9	7	59	47	4.1	47	47.0	31329	68789	0	0	0.0	46.5	1.7
data7-9-59-09697.txt	9	7	59	50	53.0	50	50.0	31329	69161	972	42	0.0	45.5	2.6
data7-9-59-09698.txt	9	7	59	42	4.3	42	42.0	31329	68160	0	0	0.0	40.5	1.4
data7-9-59-09699.txt	9	7	59	45	6.0	45	45.0	31329	68673	0	0	0.0	45.0	2.3
data7-9-59-09700.txt	9	7	59	41	10.0	41	41.0	31329	68239	1	5	0.0	39.0	1.9
data7-9-60-09701.txt	9	7	60	61	111.7	61	61.0	32400	71402	2488	28	0.0	56.3	3.3
data7-9-60-09702.txt	9	7	60	51	5.1	53	51.0	32400	70755	1	41	0.0	50.0	1.9
data7-9-60-09703.txt	9	7	60	53	11.6	53	53.0	32400	70999	380	159	0.1	50.0	3.8
data7-9-60-09704.txt	9	7	60	55	15.0	55	55.0	32400	71850	1	7	0.0	53.2	4.6
data7-9-60-09705.txt	9	7	60	54	13.7	54	54.0	32400	71282	1	10	0.0	51.0	3.0
data7-9-60-09706.txt	9	7	60	48	9.2	49	48.0	32400	70978	1	44	0.0	47.5	2.0
data7-9-60-09707.txt	9	7	60	50	260.3	50	50.0	32400	70820	5534	213	0.1	44.6	2.5
data7-9-60-09708.txt	9	7	60	45	193.7	45	45.0	32400	71547	1472	42	0.0	41.0	4.6
data7-9-60-09709.txt	9	7	60	55	310.0	55	55.0	32400	71830	1315	101	0.1	50.5	5.0
data7-9-60-09710.txt	9	7	60	67	3601.6	68	65.0	32400	71514	23438	688	0.5	59.5	3.5
data7-9-60-09711.txt	9	7	60	57	73.1	57	57.0	32400	71389	531	23	0.0	54.5	5.2
data7-9-60-09712.txt	9	7	60	53	781.7	53	53.0	32400	71700	2751	20	0.0	48.0	4.2
data7-9-60-09713.txt	9	7	60	56	12.6	56	56.0	32400	71146	0	0	0.0	56.0	4.5
data7-9-60-09714.txt	9	7	60	52	1227.2	53	52.0	32400	71523	7390	214	0.2	49.5	2.8
data7-9-60-09715.txt	9	7	60	58	845.2	59	58.0	32400	71354	1120	103	0.1	56.5	7.9
data7-9-60-09716.txt	9	7	60	46	4.7	46	46.0	32400	70779	0	2	0.0	45.0	1.4
data7-9-60-09717.txt	9	7	60	51	12.2	51	51.0	32400	71606	1	0	0.0	47.5	2.7
data7-9-60-09718.txt	9	7	60	52	29.5	52	52.0	32400	71323	26	53	0.0	48.5	4.7
data7-9-60-09719.txt	9	7	60	59	10.6	59	59.0	32400	71118	1	24	0.0	58.0	2.4
data7-9-60-09720.txt	9	7	60	47	162.9	47	47.0	32400	70975	4872	26	0.0	43.1	1.4
data7-9-60-09721.txt	9	7	60	56	222.0	56	56.0	32400	70971	1900	142	0.1	52.0	4.1
data7-9-60-09722.txt	9	7	60	55	3601.4	55	53.0	32400	71449	38769	9	0.0	47.5	3.0
data7-9-60-09723.txt	9	7	60	46	2.9	46	46.0	32400	70977	0	0	0.0	45.4	1.7
data7-9-60-09724.txt	9	7	60	50	12.5	50	50.0	32400	71414	1	7	0.0	48.0	4.5
data7-9-60-09725.txt	9	7	60	53	7.9	53	53.0	32400	71055	12	56	0.0	50.5	1.6
data7-9-60-09726.txt	9	7	60	48	120.2	48	48.0	32400	71309	1451	12	0.0	43.7	3.2
data7-9-60-09727.txt	9	7	60	50	10.5	51	50.0	32400	71696	162	142	0.1	50.0	2.1
data7-9-60-09728.txt	9	7	60	60	14.0	60	60.0	32400	71406	1	77	0.1	58.0	3.7
data7-9-60-09729.txt	9	7	60	46	81.9	46	46.0	32400	70936	1189	32	0.0	42.2	1.5
data7-9-60-09730.txt	9	7	60	62	1135.1	62	62.0	32400	71687	9067	319	0.2	57.2	12.4
data7-9-60-09731.txt	9	7	60	45	10.2	45	45.0	32400	71241	1	14	0.0	43.0	1.8
data7-9-60-09732.txt	9	7	60	50	15.5	50	50.0	32400	71469	1	4	0.0	48.4	6.0
data7-9-60-09733.txt	9	7	60	56	20.1	56	56.0	32400	71756	26	157	0.1	52.2	3.8
data7-9-60-09734.txt	9	7	60	58	1837.6	58	58.0	32400	71164	67340	151	0.1	54.5	1.8
data7-9-60-09735.txt	9	7	60	54	158.9	54	54.0	32400	71591	835	163	0.1	49.0	2.8
data7-9-60-09736.txt	9	7	60	45	9.2	45	45.0	32400	71082	0	0	0.0	43.5	3.9
data7-9-60-09737.txt	9	7	60	60	221.2	61	60.0	32400	71981	579	160	0.1	54.8	5.9
data7-9-60-09738.txt	9	7	60	67	3601.3	68	64.0	32400	72076	11805	463	0.2	58.2	6.0
data7-9-60-09739.txt	9	7	60	49	3.0	49	49.0	32400	70783	0	0	0.0	48.0	1.1
data7-9-60-09740.txt	9	7	60	50	351.2	50	50.0	32400	71477	1601	34	0.0	44.5	2.6
data7-9-60-09741.txt	9	7	60	56	177.8	56	56.0	32400	70853	803	74	0.1	48.5	3.1
data7-9-60-09742.txt	9	7	60	47	12.6	47	47.0	32400	71280	21	0	0.0	42.0	2.1
data7-9-60-09743.txt	9	7	60	55	110.7	55	55.0	32400	70766	1080	76	0.1	50.5	3.8
data7-9-60-09744.txt	9	7	60	51	221.7	51	51.0	32400	71564	1241	24	0.0	46.0	2.1
data7-9-60-09745.txt	9	7	60	45	16.9	45	45.0	32400	70694	1	0	0.0	42.2	2.7
data7-9-60-09746.txt	9	7	60	50	7.4	50	50.0	32400	70411	161	119	0.1	48.5	1.3
data7-9-60-09747.txt	9	7	60	52	31.9	53	52.0	32400	71071	656	136	0.1	50.0	1.9

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-9-60-09748.txt	9	7	60	55	1310.1	55	55.0	32400	71664	9779	5	0.0	50.0	5.5
data7-9-60-09749.txt	9	7	60	57	67.0	57	57.0	32400	71488	459	22	0.0	52.0	10.4
data7-9-60-09750.txt	9	7	60	49	23.2	49	49.0	32400	71389	67	4	0.0	46.0	2.9
data7-9-60-09751.txt	9	7	60	56	2348.6	56	56.0	32400	70996	16972	87	0.0	49.0	4.4
data7-9-60-09752.txt	9	7	60	68	3601.4	69	66.0	32400	72039	7226	439	0.3	57.5	12.5
data7-9-60-09753.txt	9	7	60	50	138.0	50	50.0	32400	71008	2190	9	0.0	48.0	2.4
data7-9-60-09754.txt	9	7	60	50	351.4	50	50.0	32400	71048	2160	112	0.1	45.8	2.6
data7-9-60-09755.txt	9	7	60	67	3601.7	68	63.0	32400	71533	10321	371	0.3	56.2	9.1
data7-9-60-09756.txt	9	7	60	62	552.8	62	62.0	32400	71377	4231	223	0.2	52.2	2.8
data7-9-60-09757.txt	9	7	60	41	3.8	41	41.0	32400	70820	0	0	0.0	40.2	1.2
data7-9-60-09758.txt	9	7	60	64	1080.3	64	64.0	32400	71792	3679	54	0.0	58.2	4.4
data7-9-60-09759.txt	9	7	60	54	1863.4	56	54.0	32400	71701	6325	302	0.2	48.3	2.8
data7-9-60-09760.txt	9	7	60	52	23.7	52	52.0	32400	71381	1	0	0.0	50.5	4.8
data7-9-60-09761.txt	9	7	60	51	50.4	51	51.0	32400	71331	377	47	0.0	47.0	3.1
data7-9-60-09762.txt	9	7	60	56	66.2	56	56.0	32400	71747	965	15	0.0	51.0	3.0
data7-9-60-09763.txt	9	7	60	58	1457.7	58	58.0	32400	72179	6556	78	0.1	50.6	6.0
data7-9-60-09764.txt	9	7	60	48	70.8	48	48.0	32400	70893	980	15	0.0	42.0	1.5
data7-9-60-09765.txt	9	7	60	46	15.8	46	46.0	32400	70844	39	20	0.0	43.1	1.7
data7-9-60-09766.txt	9	7	60	59	12.1	59	59.0	32400	71194	35	82	0.1	56.0	4.5
data7-9-60-09767.txt	9	7	60	55	216.6	55	55.0	32400	71197	1626	0	0.0	52.0	6.2
data7-9-60-09768.txt	9	7	60	62	88.1	63	62.0	32400	71651	985	291	0.2	59.5	3.2
data7-9-60-09769.txt	9	7	60	55	787.8	55	55.0	32400	71403	2332	90	0.1	52.0	3.3
data7-9-60-09770.txt	9	7	60	59	228.4	59	59.0	32400	71241	3848	24	0.0	53.8	2.6
data7-9-60-09771.txt	9	7	60	60	19.4	60	60.0	32400	70950	521	177	0.1	56.4	2.6
data7-9-60-09772.txt	9	7	60	51	14.2	51	51.0	32400	71348	1	8	0.0	49.2	2.8
data7-9-60-09773.txt	9	7	60	51	7.9	51	51.0	32400	71087	0	0	0.0	50.5	3.1
data7-9-60-09774.txt	9	7	60	53	160.1	53	53.0	32400	71577	1492	20	0.0	48.5	2.0
data7-9-60-09775.txt	9	7	60	49	163.1	50	49.0	32400	71450	1426	80	0.1	44.0	3.4
data7-9-60-09776.txt	9	7	60	51	146.7	52	51.0	32400	71180	861	86	0.1	45.2	3.0
data7-9-60-09777.txt	9	7	60	51	82.2	51	51.0	32400	71450	2277	38	0.0	49.0	3.8
data7-9-60-09778.txt	9	7	60	63	415.7	63	63.0	32400	71948	825	59	0.0	59.0	3.8
data7-9-60-09779.txt	9	7	60	57	23.1	57	57.0	32400	71172	1	11	0.0	55.0	5.7
data7-9-60-09780.txt	9	7	60	67	3601.4	67	64.0	32400	71549	11960	546	0.3	58.5	7.4
data7-9-60-09781.txt	9	7	60	52	1684.9	52	52.0	32400	71600	12176	291	0.2	49.0	3.0
data7-9-60-09782.txt	9	7	60	48	4.3	48	48.0	32400	71167	0	0	0.0	47.3	2.0
data7-9-60-09783.txt	9	7	60	54	321.9	56	54.0	32400	71339	1044	74	0.1	51.8	2.9
data7-9-60-09784.txt	9	7	60	69	787.7	69	69.0	32400	71705	2280	29	0.0	61.8	8.7
data7-9-60-09785.txt	9	7	60	53	661.3	53	53.0	32400	71015	1204	60	0.0	48.5	1.4
data7-9-60-09786.txt	9	7	60	45	11.3	45	45.0	32400	71011	1	0	0.0	42.0	1.5
data7-9-60-09787.txt	9	7	60	65	241.4	65	65.0	32400	71556	3215	188	0.1	57.5	3.9
data7-9-60-09788.txt	9	7	60	47	280.0	47	47.0	32400	71278	2649	174	0.1	39.5	2.0
data7-9-60-09789.txt	9	7	60	56	771.2	57	56.0	32400	71520	3939	337	0.2	50.5	3.4
data7-9-60-09790.txt	9	7	60	51	264.9	51	51.0	32400	71217	1480	138	0.1	46.5	2.1
data7-9-60-09791.txt	9	7	60	60	361.0	60	60.0	32400	71980	1287	16	0.0	52.5	7.6
data7-9-60-09792.txt	9	7	60	55	140.4	55	55.0	32400	71499	608	12	0.0	49.0	1.8
data7-9-60-09793.txt	9	7	60	55	213.1	55	55.0	32400	71452	1681	171	0.1	48.0	1.5
data7-9-60-09794.txt	9	7	60	57	535.6	57	57.0	32400	71358	2052	187	0.1	54.5	4.0
data7-9-60-09795.txt	9	7	60	50	167.4	50	50.0	32400	71629	1278	59	0.0	44.8	3.5
data7-9-60-09796.txt	9	7	60	55	326.8	55	55.0	32400	71569	2590	127	0.1	50.0	3.1
data7-9-60-09797.txt	9	7	60	59	576.8	59	59.0	32400	71308	1317	87	0.1	52.6	6.3
data7-9-60-09798.txt	9	7	60	50	589.4	50	50.0	32400	71068	9797	168	0.1	48.0	1.5
data7-9-60-09799.txt	9	7	60	61	3160.1	62	61.0	32400	71127	23185	498	0.4	53.0	4.0
data7-9-60-09800.txt	9	7	60	59	84.6	59	59.0	32400	71544	1198	18	0.0	52.0	3.2
data7-9-61-09801.txt	9	7	61	53	3.0	53	53.0	33489	73583	0	0	0.0	52.5	1.8
data7-9-61-09802.txt	9	7	61	58	43.0	58	58.0	33489	73798	25	97	0.1	55.0	4.7
data7-9-61-09803.txt	9	7	61	63	525.6	63	63.0	33489	73709	4953	304	0.2	56.7	5.8
data7-9-61-09804.txt	9	7	61	54	308.6	54	54.0	33489	73884	1118	39	0.0	50.0	2.0
data7-9-61-09805.txt	9	7	61	63	1289.5	64	63.0	33489	73726	7697	804	0.6	58.0	5.4
data7-9-61-09806.txt	9	7	61	41	61.1	41	41.0	33489	73234	794	0	0.0	38.5	1.5
data7-9-61-09807.txt	9	7	61	69	2114.1	70	69.0	33489	73939	21287	495	0.4	65.5	5.4
data7-9-61-09808.txt	9	7	61	55	15.8	56	55.0	33489	73283	1	39	0.0	54.7	5.7
data7-9-61-09809.txt	9	7	61	52	24.5	52	52.0	33489	73057	1593	48	0.0	50.0	1.4
data7-9-61-09810.txt	9	7	61	48	18.1	48	48.0	33489	73552	1298	155	0.1	45.5	2.8
data7-9-61-09811.txt	9	7	61	54	37.4	54	54.0	33489	73197	563	61	0.0	50.0	4.7
data7-9-61-09812.txt	9	7	61	56	799.9	56	56.0	33489	73254	2763	22	0.0	51.5	2.6
data7-9-61-09813.txt	9	7	61	57	236.3	57	57.0	33489	73790	1050	0	0.0	52.6	3.4
data7-9-61-09814.txt	9	7	61	63	187.2	63	63.0	33489	73819	1112	280	0.1	55.6	5.0
data7-9-61-09815.txt	9	7	61	47	8.4	47	47.0	33489	73638	1	3	0.0	45.5	1.7
data7-9-61-09816.txt	9	7	61	55	193.4	55	55.0	33489	73613	1082	12	0.0	50.0	3.6
data7-9-61-09817.txt	9	7	61	59	254.3	59	59.0	33489	73539	1043	15	0.0	54.0	1.9

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-9-61-09818.txt	9	7	61	47	30.9	47	47.0	33489	72925	879	114	0.1	45.0	1.8
data7-9-61-09819.txt	9	7	61	56	294.6	56	56.0	33489	74024	2057	32	0.0	51.2	4.8
data7-9-61-09820.txt	9	7	61	55	314.7	55	55.0	33489	73486	2153	56	0.0	51.3	4.6
data7-9-61-09821.txt	9	7	61	56	1128.9	56	56.0	33489	73774	6288	149	0.1	49.5	4.1
data7-9-61-09822.txt	9	7	61	56	157.6	56	56.0	33489	73968	1590	57	0.0	53.5	8.1
data7-9-61-09823.txt	9	7	61	48	17.2	48	48.0	33489	73638	1	0	0.0	44.0	1.7
data7-9-61-09824.txt	9	7	61	65	331.9	65	65.0	33489	73643	1468	108	0.1	60.0	5.3
data7-9-61-09825.txt	9	7	61	44	9.2	44	44.0	33489	73330	1	0	0.0	41.0	1.5
data7-9-61-09826.txt	9	7	61	56	147.4	56	56.0	33489	73485	691	56	0.1	53.0	2.3
data7-9-61-09827.txt	9	7	61	55	30.9	55	55.0	33489	73888	171	125	0.1	52.0	3.6
data7-9-61-09828.txt	9	7	61	59	367.5	59	59.0	33489	73486	1870	51	0.0	53.0	2.8
data7-9-61-09829.txt	9	7	61	51	39.8	51	51.0	33489	73662	767	95	0.1	47.5	3.1
data7-9-61-09830.txt	9	7	61	45	5.6	45	45.0	33489	73346	1	38	0.0	43.2	1.1
data7-9-61-09831.txt	9	7	61	48	155.3	48	48.0	33489	73270	1385	51	0.0	43.0	4.6
data7-9-61-09832.txt	9	7	61	52	68.2	52	52.0	33489	73808	33	0	0.0	47.0	2.7
data7-9-61-09833.txt	9	7	61	55	1140.6	55	55.0	33489	73551	11497	128	0.1	49.9	5.7
data7-9-61-09834.txt	9	7	61	44	9.7	44	44.0	33489	73417	1	30	0.0	42.0	1.4
data7-9-61-09835.txt	9	7	61	51	22.7	51	51.0	33489	73621	1	6	0.0	45.5	2.9
data7-9-61-09836.txt	9	7	61	53	845.2	53	53.0	33489	73502	21604	386	0.2	46.7	1.4
data7-9-61-09837.txt	9	7	61	48	5.4	48	48.0	33489	73050	0	0	0.0	48.0	2.3
data7-9-61-09838.txt	9	7	61	47	16.1	48	47.0	33489	73558	36	44	0.0	45.8	2.5
data7-9-61-09839.txt	9	7	61	48	6.2	48	48.0	33489	72986	1	13	0.0	46.0	1.2
data7-9-61-09840.txt	9	7	61	48	2.1	48	48.0	33489	73496	0	0	0.0	47.3	1.3
data7-9-61-09841.txt	9	7	61	56	4.9	56	56.0	33489	73489	0	0	0.0	55.0	2.7
data7-9-61-09842.txt	9	7	61	62	242.1	63	62.0	33489	73979	1397	196	0.1	58.0	4.1
data7-9-61-09843.txt	9	7	61	67	331.1	67	67.0	33489	73907	1810	121	0.1	57.6	4.9
data7-9-61-09844.txt	9	7	61	42	4.7	42	42.0	33489	72730	1	9	0.0	41.0	1.0
data7-9-61-09845.txt	9	7	61	64	3601.5	64	63.0	33489	73939	36662	386	0.3	59.5	3.8
data7-9-61-09846.txt	9	7	61	52	1674.9	52	52.0	33489	73747	14479	26	0.0	46.5	4.5
data7-9-61-09847.txt	9	7	61	58	169.5	58	58.0	33489	73776	700	21	0.0	52.9	3.8
data7-9-61-09848.txt	9	7	61	49	13.3	49	49.0	33489	73319	12	48	0.0	45.5	1.7
data7-9-61-09849.txt	9	7	61	62	1484.0	62	62.0	33489	74071	4786	295	0.2	54.2	6.4
data7-9-61-09850.txt	9	7	61	59	1360.7	59	59.0	33489	73599	24354	126	0.1	53.3	2.2
data7-9-61-09851.txt	9	7	61	53	134.5	53	53.0	33489	73674	1275	72	0.1	48.1	5.8
data7-9-61-09852.txt	9	7	61	69	3601.2	69	68.0	33489	74034	7873	201	0.2	59.8	9.0
data7-9-61-09853.txt	9	7	61	47	330.5	47	47.0	33489	73847	2283	138	0.1	44.0	2.6
data7-9-61-09854.txt	9	7	61	60	3601.5	60	59.0	33489	73851	37901	369	0.3	56.1	4.8
data7-9-61-09855.txt	9	7	61	56	56.7	57	56.0	33489	73642	976	117	0.1	52.2	1.5
data7-9-61-09856.txt	9	7	61	63	197.8	63	63.0	33489	73409	2655	19	0.0	58.0	9.2
data7-9-61-09857.txt	9	7	61	59	298.6	60	59.0	33489	73962	3011	196	0.1	54.0	4.4
data7-9-61-09858.txt	9	7	61	63	757.4	63	63.0	33489	73553	4470	197	0.1	58.0	4.1
data7-9-61-09859.txt	9	7	61	58	377.0	58	58.0	33489	73996	1157	0	0.0	52.0	5.3
data7-9-61-09860.txt	9	7	61	54	228.6	54	54.0	33489	73542	1588	15	0.0	49.5	4.4
data7-9-61-09861.txt	9	7	61	49	151.6	49	49.0	33489	73338	2128	85	0.0	46.3	2.5
data7-9-61-09862.txt	9	7	61	59	449.5	59	59.0	33489	73416	3704	19	0.0	54.0	3.8
data7-9-61-09863.txt	9	7	61	50	3.8	50	50.0	33489	73673	0	0	0.0	49.0	1.9
data7-9-61-09864.txt	9	7	61	66	1185.1	66	66.0	33489	73441	7783	278	0.2	54.0	3.4
data7-9-61-09865.txt	9	7	61	50	5.0	50	50.0	33489	72751	24	41	0.0	48.0	1.4
data7-9-61-09866.txt	9	7	61	55	15.2	55	55.0	33489	73728	220	58	0.0	52.1	2.7
data7-9-61-09867.txt	9	7	61	60	170.3	60	60.0	33489	72713	2087	65	0.0	53.0	2.1
data7-9-61-09868.txt	9	7	61	61	2029.1	61	61.0	33489	73834	8929	146	0.1	56.2	3.6
data7-9-61-09869.txt	9	7	61	61	94.7	61	61.0	33489	74309	1493	15	0.0	53.3	3.4
data7-9-61-09870.txt	9	7	61	51	146.7	51	51.0	33489	73343	2117	74	0.1	46.2	3.3
data7-9-61-09871.txt	9	7	61	55	2232.6	55	55.0	33489	73580	6548	246	0.2	49.0	4.5
data7-9-61-09872.txt	9	7	61	54	10.5	54	54.0	33489	73830	1	35	0.0	51.0	2.4
data7-9-61-09873.txt	9	7	61	55	126.7	56	55.0	33489	73393	2591	47	0.0	51.0	3.8
data7-9-61-09874.txt	9	7	61	54	812.3	54	54.0	33489	73840	8668	158	0.1	47.4	1.9
data7-9-61-09875.txt	9	7	61	58	283.9	58	58.0	33489	73871	2593	111	0.1	52.5	4.8
data7-9-61-09876.txt	9	7	61	62	101.8	62	62.0	33489	73906	1076	39	0.0	58.7	2.9
data7-9-61-09877.txt	9	7	61	56	1239.6	56	56.0	33489	73727	7366	124	0.1	51.0	3.8
data7-9-61-09878.txt	9	7	61	48	6.0	48	48.0	33489	72782	0	0	0.0	47.0	2.3
data7-9-61-09879.txt	9	7	61	53	25.9	53	53.0	33489	73009	227	7	0.0	48.6	2.3
data7-9-61-09880.txt	9	7	61	59	1016.6	59	59.0	33489	74100	5651	449	0.3	55.2	6.1
data7-9-61-09881.txt	9	7	61	56	584.6	56	56.0	33489	73546	10974	245	0.2	51.5	2.2
data7-9-61-09882.txt	9	7	61	63	12.2	63	63.0	33489	73829	1	3	0.0	61.0	1.8
data7-9-61-09883.txt	9	7	61	62	3601.4	63	61.0	33489	73868	11928	366	0.3	58.0	4.2
data7-9-61-09884.txt	9	7	61	57	1.0	1341	0.7	59	57	11928	366	0.3	58.0	4.2
.999999	33489	73673	7107	670	0.4	49	0.1	4	57	11928	366	0.3	58.0	4.2
.507646	33489	73673	7107	670	0.4	49	0.1	4	57	11928	366	0.3	58.0	4.2
data7-9-61-09885.txt	9	7	61	46	4.1	46	46.0	33489	73033	0	0	0.0	46.0	1.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-9-61-09886.txt	9	7	61	68	383.3	68	68.0	33489	74036	13161	308	0.2	64.0	4.7
data7-9-61-09887.txt	9	7	61	46	9.7	46	46.0	33489	73811	1	0	0.0	43.9	2.5
data7-9-61-09888.txt	9	7	61	60	425.5	60	60.0	33489	73857	2068	87	0.1	56.2	3.5
data7-9-61-09889.txt	9	7	61	54	11.3	54	54.0	33489	73689	1	0	0.0	50.7	2.5
data7-9-61-09890.txt	9	7	61	57	402.6	60	57.0	33489	73667	898	201	0.2	54.5	3.9
data7-9-61-09891.txt	9	7	61	48	8.9	48	48.0	33489	73435	0	0	0.0	47.0	3.1
data7-9-61-09892.txt	9	7	61	55	15.4	56	55.0	33489	73432	201	177	0.1	54.0	2.6
data7-9-61-09893.txt	9	7	61	56	129.9	57	56.0	33489	73877	347	169	0.2	53.5	10.2
data7-9-61-09894.txt	9	7	61	53	115.6	53	53.0	33489	74147	1773	50	0.0	50.0	4.0
data7-9-61-09895.txt	9	7	61	67	39.2	67	67.0	33489	73820	623	211	0.1	64.0	2.9
data7-9-61-09896.txt	9	7	61	51	105.1	51	51.0	33489	73718	1954	53	0.0	46.5	2.9
data7-9-61-09897.txt	9	7	61	55	236.2	56	55.0	33489	73826	1263	152	0.1	51.0	4.0
data7-9-61-09898.txt	9	7	61	54	2514.6	54	54.0	33489	73749	12925	123	0.1	44.5	3.2
data7-9-61-09899.txt	9	7	61	59	32.4	60	59.0	33489	73566	81	73	0.1	57.0	3.4
data7-9-61-09900.txt	9	7	61	54	8.7	54	54.0	33489	73646	0	0	0.0	53.0	3.1
data7-9-62-09901.txt	9	7	62	55	1090.7	55	55.0	34596	76418	2301	0	0.0	45.7	4.7
data7-9-62-09902.txt	9	7	62	56	214.1	56	56.0	34596	76126	2067	148	0.1	52.0	4.0
data7-9-62-09903.txt	9	7	62	54	229.9	54	54.0	34596	75679	4207	197	0.2	51.0	2.1
data7-9-62-09904.txt	9	7	62	54	340.7	54	54.0	34596	75920	2906	146	0.1	47.0	1.9
data7-9-62-09905.txt	9	7	62	53	235.4	53	53.0	34596	76072	1516	38	0.0	50.0	2.0
data7-9-62-09906.txt	9	7	62	53	418.1	53	53.0	34596	76126	1417	40	0.0	48.2	4.1
data7-9-62-09907.txt	9	7	62	65	608.7	66	65.0	34596	76228	2545	140	0.1	61.5	3.7
data7-9-62-09908.txt	9	7	62	54	11.1	54	54.0	34596	75741	180	151	0.1	46.5	2.0
data7-9-62-09909.txt	9	7	62	59	210.1	59	59.0	34596	76284	1009	102	0.1	53.0	3.5
data7-9-62-09910.txt	9	7	62	55	188.4	55	55.0	34596	76194	1190	57	0.1	48.5	2.6
data7-9-62-09911.txt	9	7	62	58	36.2	58	58.0	34596	75916	1	16	0.0	54.0	5.1
data7-9-62-09912.txt	9	7	62	55	1139.5	56	55.0	34596	75583	5107	136	0.1	51.0	3.4
data7-9-62-09913.txt	9	7	62	63	1762.7	63	63.0	34596	76062	6701	352	0.3	55.3	8.0
data7-9-62-09914.txt	9	7	62	54	14.2	54	54.0	34596	75758	1	8	0.0	51.9	2.2
data7-9-62-09915.txt	9	7	62	61	244.6	61	61.0	34596	76385	1340	58	0.1	56.5	3.8
data7-9-62-09916.txt	9	7	62	66	522.0	66	66.0	34596	75915	22065	409	0.3	61.5	6.6
data7-9-62-09917.txt	9	7	62	61	40.7	61	61.0	34596	76044	457	40	0.0	56.3	2.9
data7-9-62-09918.txt	9	7	62	48	5.3	48	48.0	34596	75688	0	0	0.0	48.0	2.0
data7-9-62-09919.txt	9	7	62	57	18.0	57	57.0	34596	75948	1	1	0.0	54.5	3.1
data7-9-62-09920.txt	9	7	62	61	317.6	61	61.0	34596	75899	2013	71	0.1	55.0	3.5
data7-9-62-09921.txt	9	7	62	42	5.2	42	42.0	34596	75719	0	0	0.0	41.0	2.0
data7-9-62-09922.txt	9	7	62	49	296.2	49	49.0	34596	75435	1228	37	0.0	46.2	2.2
data7-9-62-09923.txt	9	7	62	52	123.4	53	52.0	34596	75841	1466	171	0.1	48.0	2.6
data7-9-62-09924.txt	9	7	62	61	1865.3	62	61.0	34596	76375	9269	335	0.2	59.0	5.5
data7-9-62-09925.txt	9	7	62	57	3601.7	58	56.0	34596	76118	19812	564	0.4	52.0	2.8
data7-9-62-09926.txt	9	7	62	65	3601.3	65	62.0	34596	76656	7980	244	0.1	58.0	5.2
data7-9-62-09927.txt	9	7	62	64	1366.3	64	64.0	34596	76800	18311	377	0.3	54.6	8.1
data7-9-62-09928.txt	9	7	62	52	158.4	53	52.0	34596	76016	2034	20	0.0	49.7	2.5
data7-9-62-09929.txt	9	7	62	56	607.7	58	56.0	34596	76208	633	68	0.1	54.0	5.5
data7-9-62-09930.txt	9	7	62	58	3601.3	58	57.0	34596	76560	19001	239	0.2	52.4	3.3
data7-9-62-09931.txt	9	7	62	54	16.2	55	54.0	34596	75614	39	57	0.0	52.3	1.7
data7-9-62-09932.txt	9	7	62	53	4.9	53	53.0	34596	75647	0	0	0.0	53.0	2.5
data7-9-62-09933.txt	9	7	62	52	11.5	52	52.0	34596	75853	1	11	0.0	50.0	3.8
data7-9-62-09934.txt	9	7	62	51	158.5	51	51.0	34596	75871	3264	134	0.1	45.5	2.4
data7-9-62-09935.txt	9	7	62	53	178.9	53	53.0	34596	75665	1321	39	0.0	47.3	2.2
data7-9-62-09936.txt	9	7	62	60	37.4	61	60.0	34596	75843	1	50	0.1	57.2	4.0
data7-9-62-09937.txt	9	7	62	55	575.8	55	55.0	34596	75899	2554	278	0.2	51.2	5.6
data7-9-62-09938.txt	9	7	62	50	11.6	50	50.0	34596	75759	4	13	0.0	47.8	1.9
data7-9-62-09939.txt	9	7	62	53	2776.3	53	53.0	34596	76096	14768	243	0.2	48.5	4.2
data7-9-62-09940.txt	9	7	62	58	1279.3	59	58.0	34596	76662	5054	380	0.3	53.5	2.8
data7-9-62-09941.txt	9	7	62	65	3601.4	66	63.0	34596	76439	7477	678	0.4	58.2	4.9
data7-9-62-09942.txt	9	7	62	47	590.1	47	47.0	34596	75752	19498	10	0.0	43.5	1.9
data7-9-62-09943.txt	9	7	62	52	30.7	53	52.0	34596	75588	172	72	0.1	51.0	3.4
data7-9-62-09944.txt	9	7	62	48	4.5	48	48.0	34596	75565	0	1	0.0	47.0	1.5
data7-9-62-09945.txt	9	7	62	55	154.8	56	55.0	34596	76085	608	71	0.1	51.0	3.0
data7-9-62-09946.txt	9	7	62	49	388.4	50	49.0	34596	75549	1049	106	0.1	44.6	2.2
data7-9-62-09947.txt	9	7	62	64	3601.5	64	63.0	34596	76967	13680	474	0.3	54.6	6.3
data7-9-62-09948.txt	9	7	62	60	952.3	60	60.0	34596	75716	37488	359	0.3	53.0	2.2
data7-9-62-09949.txt	9	7	62	52	362.6	52	52.0	34596	75910	8916	63	0.1	47.0	2.8
data7-9-62-09950.txt	9	7	62	58	132.7	60	58.0	34596	75847	972	266	0.2	57.0	4.9
data7-9-62-09951.txt	9	7	62	55	24.3	55	55.0	34596	75298	180	19	0.0	49.5	3.1
data7-9-62-09952.txt	9	7	62	57	321.5	57	57.0	34596	76073	2744	11	0.0	50.8	3.0
data7-9-62-09953.txt	9	7	62	57	420.7	58	57.0	34596	76381	1959	319	0.3	55.0	3.9
data7-9-62-09954.txt	9	7	62	52	106.0	52	52.0	34596	75912	1200	56	0.0	48.5	2.2
data7-9-62-09955.txt	9	7	62	63	185.9	63	63.0	34596	75816	12072	261	0.2	59.5	5.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-9-62-09956.txt	9	7	62	48	22.0	48	48.0	34596	75852	11	35	0.0	45.5	2.4
data7-9-62-09957.txt	9	7	62	55	588.1	56	55.0	34596	75631	1531	196	0.2	53.0	2.4
data7-9-62-09958.txt	9	7	62	51	85.4	52	51.0	34596	76050	219	46	0.0	49.0	6.8
data7-9-62-09959.txt	9	7	62	56	334.3	56	56.0	34596	76118	1242	92	0.1	52.2	3.7
data7-9-62-09960.txt	9	7	62	52	194.0	53	52.0	34596	75584	1135	53	0.1	49.0	4.7
data7-9-62-09961.txt	9	7	62	61	10.1	61	61.0	34596	75954	1	1	0.0	59.0	2.6
data7-9-62-09962.txt	9	7	62	57	542.5	57	57.0	34596	76361	2963	106	0.1	51.8	6.3
data7-9-62-09963.txt	9	7	62	53	18.1	53	53.0	34596	76090	1	21	0.0	51.0	5.4
data7-9-62-09964.txt	9	7	62	50	2059.5	50	50.0	34596	75789	23350	336	0.2	44.5	2.8
data7-9-62-09965.txt	9	7	62	53	432.9	53	53.0	34596	75843	2016	159	0.1	49.5	3.2
data7-9-62-09966.txt	9	7	62	53	8.5	53	53.0	34596	75659	6	41	0.0	51.0	2.0
data7-9-62-09967.txt	9	7	62	62	784.1	63	62.0	34596	75684	2065	86	0.1	56.5	9.2
data7-9-62-09968.txt	9	7	62	44	6.7	44	44.0	34596	75527	0	1	0.0	43.0	1.7
data7-9-62-09969.txt	9	7	62	52	649.3	52	52.0	34596	75684	10580	373	0.2	45.7	1.9
data7-9-62-09970.txt	9	7	62	59	6.6	59	59.0	34596	76385	0	0	0.0	58.0	2.3
data7-9-62-09971.txt	9	7	62	56	414.2	56	56.0	34596	76010	6154	291	0.2	47.1	2.4
data7-9-62-09972.txt	9	7	62	54	13.0	54	54.0	34596	76171	1	64	0.1	52.5	3.8
data7-9-62-09973.txt	9	7	62	51	132.6	51	51.0	34596	75757	2800	10	0.0	46.5	1.8
data7-9-62-09974.txt	9	7	62	59	435.0	60	59.0	34596	75655	1122	128	0.1	56.1	2.6
data7-9-62-09975.txt	9	7	62	43	15.7	43	43.0	34596	75837	50	25	0.0	40.1	1.5
data7-9-62-09976.txt	9	7	62	51	114.6	51	51.0	34596	76310	796	20	0.0	46.0	3.0
data7-9-62-09977.txt	9	7	62	51	9.1	52	51.0	34596	75716	1	50	0.0	49.5	2.9
data7-9-62-09978.txt	9	7	62	60	263.2	60	60.0	34596	76601	1248	42	0.0	56.1	4.5
data7-9-62-09979.txt	9	7	62	49	12.8	49	49.0	34596	75628	301	19	0.0	46.0	1.6
data7-9-62-09980.txt	9	7	62	65	6.2	65	65.0	34596	76222	1	1	0.0	63.5	2.4
data7-9-62-09981.txt	9	7	62	57	211.7	57	57.0	34596	75229	2619	87	0.1	53.1	4.7
data7-9-62-09982.txt	9	7	62	58	149.8	58	58.0	34596	76054	631	144	0.1	55.0	3.5
data7-9-62-09983.txt	9	7	62	52	76.4	52	52.0	34596	76070	1057	31	0.0	47.0	2.5
data7-9-62-09984.txt	9	7	62	55	72.2	55	55.0	34596	75712	1828	39	0.0	53.0	3.7
data7-9-62-09985.txt	9	7	62	58	817.9	58	58.0	34596	76000	3149	162	0.1	53.5	5.7
data7-9-62-09986.txt	9	7	62	47	11.3	47	47.0	34596	75253	15	8	0.0	43.5	1.9
data7-9-62-09987.txt	9	7	62	47	7.1	47	47.0	34596	75224	1	6	0.0	45.5	1.9
data7-9-62-09988.txt	9	7	62	64	31.0	65	64.0	34596	76465	227	198	0.2	61.5	3.1
data7-9-62-09989.txt	9	7	62	57	307.7	57	57.0	34596	75776	2248	173	0.1	53.0	3.2
data7-9-62-09990.txt	9	7	62	67	2096.5	67	67.0	34596	76163	9053	198	0.1	63.6	5.6
data7-9-62-09991.txt	9	7	62	53	15.4	53	53.0	34596	76035	1	6	0.0	52.0	5.7
data7-9-62-09992.txt	9	7	62	60	126.0	60	60.0	34596	75988	1508	58	0.0	57.0	8.7
data7-9-62-09993.txt	9	7	62	68	3601.3	68	66.0	34596	75770	18754	744	0.4	58.5	6.8
data7-9-62-09994.txt	9	7	62	58	73.7	58	58.0	34596	76042	957	163	0.2	53.3	4.6
data7-9-62-09995.txt	9	7	62	53	589.8	53	53.0	34596	75911	1815	38	0.0	48.5	4.2
data7-9-62-09996.txt	9	7	62	51	88.0	51	51.0	34596	75406	1110	29	0.0	48.0	2.7
data7-9-62-09997.txt	9	7	62	52	108.5	52	52.0	34596	75633	2488	50	0.0	47.5	1.8
data7-9-62-09998.txt	9	7	62	59	2123.9	60	59.0	34596	76379	7653	205	0.2	53.2	3.1
data7-9-62-09999.txt	9	7	62	62	991.6	62	62.0	34596	76127	4934	514	0.3	53.8	9.0
data7-9-62-10000.txt	9	7	62	60	952.7	60	60.0	34596	75943	1323	72	0.1	54.0	4.0
data7-10-63-11801.txt	10	7	63	49	115.8	49	49.0	39690	87196	771	28	0.0	46.0	2.0
data7-10-63-11802.txt	10	7	63	50	236.0	50	50.0	39690	86857	1675	49	0.0	46.0	3.0
data7-10-63-11803.txt	10	7	63	64	164.3	64	64.0	39690	87385	1416	50	0.0	60.5	6.3
data7-10-63-11804.txt	10	7	63	50	19.1	50	50.0	39690	87428	159	52	0.0	47.7	3.0
data7-10-63-11805.txt	10	7	63	53	191.0	53	53.0	39690	87240	1482	91	0.1	46.6	5.3
data7-10-63-11806.txt	10	7	63	55	48.2	55	55.0	39690	87639	173	30	0.0	51.1	3.7
data7-10-63-11807.txt	10	7	63	53	8.0	53	53.0	39690	86927	0	0	0.0	52.0	2.4
data7-10-63-11808.txt	10	7	63	52	555.1	52	52.0	39690	87779	1220	8	0.0	45.9	4.6
data7-10-63-11809.txt	10	7	63	57	31.4	57	57.0	39690	87064	803	136	0.2	55.0	3.4
data7-10-63-11810.txt	10	7	63	56	447.6	57	56.0	39690	87627	1068	192	0.1	51.7	8.5
data7-10-63-11811.txt	10	7	63	54	110.7	54	54.0	39690	87575	535	38	0.0	48.9	4.2
data7-10-63-11812.txt	10	7	63	59	1298.2	59	59.0	39690	87124	15411	282	0.2	53.6	3.4
data7-10-63-11813.txt	10	7	63	51	10.6	51	51.0	39690	86971	188	143	0.1	50.0	3.0
data7-10-63-11814.txt	10	7	63	50	21.6	50	50.0	39690	87193	1	0	0.0	46.0	2.6
data7-10-63-11815.txt	10	7	63	52	547.1	52	52.0	39690	87674	735	5	0.0	47.0	8.2
data7-10-63-11816.txt	10	7	63	48	22.2	49	48.0	39690	87285	1	4	0.0	44.5	3.6
data7-10-63-11817.txt	10	7	63	56	1126.5	56	56.0	39690	86863	16098	27	0.0	53.0	3.0
data7-10-63-11818.txt	10	7	63	55	368.6	55	55.0	39690	87063	1460	37	0.0	50.5	5.3
data7-10-63-11819.txt	10	7	63	46	39.2	46	46.0	39690	87445	1	5	0.0	42.0	2.1
data7-10-63-11820.txt	10	7	63	51	3543.5	51	51.0	39690	87405	31076	47	0.1	46.0	4.7
data7-10-63-11821.txt	10	7	63	57	56.0	57	57.0	39690	87387	183	144	0.1	55.0	5.8
data7-10-63-11822.txt	10	7	63	53	25.2	53	53.0	39690	87326	1	0	0.0	50.0	3.3
data7-10-63-11823.txt	10	7	63	51	483.5	51	51.0	39690	87772	727	0	0.0	46.2	4.5
data7-10-63-11824.txt	10	7	63	52	14.1	52	52.0	39690	86729	1	0	0.0	49.0	4.5
data7-10-63-11825.txt	10	7	63	52	133.5	52	52.0	39690	87296	628	78	0.1	47.0	2.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-63-11826.txt	10	7	63	46	7.4	48	46.0	39690	86763	1	12	0.0	45.0	2.0
data7-10-63-11827.txt	10	7	63	50	8.8	50	50.0	39690	86874	0	0	0.0	48.5	2.9
data7-10-63-11828.txt	10	7	63	53	377.3	53	53.0	39690	86978	1068	0	0.0	50.0	3.9
data7-10-63-11829.txt	10	7	63	52	104.0	52	52.0	39690	86551	1139	169	0.1	49.0	3.2
data7-10-63-11830.txt	10	7	63	51	52.6	51	51.0	39690	87381	265	0	0.0	47.6	3.2
data7-10-63-11831.txt	10	7	63	51	36.8	51	51.0	39690	87202	1	0	0.0	48.0	3.8
data7-10-63-11832.txt	10	7	63	63	1476.7	63	63.0	39690	87306	2412	98	0.1	54.9	15.8
data7-10-63-11833.txt	10	7	63	50	17.7	50	50.0	39690	87364	1	0	0.0	47.5	4.2
data7-10-63-11834.txt	10	7	63	55	1745.3	56	55.0	39690	87489	4988	163	0.1	47.7	5.7
data7-10-63-11835.txt	10	7	63	56	1271.1	57	56.0	39690	87792	3225	157	0.1	48.0	3.7
data7-10-63-11836.txt	10	7	63	56	3601.9	56	54.0	39690	87798	10215	3	0.0	50.1	6.6
data7-10-63-11837.txt	10	7	63	55	398.0	58	55.0	39690	86877	2311	204	0.2	53.0	3.0
data7-10-63-11838.txt	10	7	63	54	3601.8	54	51.0	39690	87175	12122	75	0.1	45.5	3.4
data7-10-63-11839.txt	10	7	63	51	27.1	51	51.0	39690	86918	38	4	0.0	49.0	3.9
data7-10-63-11840.txt	10	7	63	54	26.6	54	54.0	39690	87342	1	0	0.0	52.0	11.9
data7-10-63-11841.txt	10	7	63	50	14.7	51	50.0	39690	87132	1	33	0.0	46.8	2.5
data7-10-63-11842.txt	10	7	63	47	4.6	47	47.0	39690	86693	1	10	0.0	46.0	1.9
data7-10-63-11843.txt	10	7	63	60	2145.4	61	60.0	39690	87862	8596	112	0.1	53.0	11.7
data7-10-63-11844.txt	10	7	63	58	209.0	58	58.0	39690	87848	734	25	0.0	51.1	3.8
data7-10-63-11845.txt	10	7	63	44	179.2	46	44.0	39690	86552	989	138	0.1	43.0	2.3
data7-10-63-11846.txt	10	7	63	50	57.3	52	50.0	39690	87514	86	203	0.2	49.0	10.2
data7-10-63-11847.txt	10	7	63	49	16.0	49	49.0	39690	86777	1	4	0.0	45.0	2.4
data7-10-63-11848.txt	10	7	63	46	59.1	48	46.0	39690	86835	1047	142	0.1	45.0	2.4
data7-10-63-11849.txt	10	7	63	54	13.2	55	54.0	39690	87285	183	155	0.1	53.5	4.1
data7-10-63-11850.txt	10	7	63	51	15.5	51	51.0	39690	86660	19	78	0.0	48.0	3.4
data7-10-63-11851.txt	10	7	63	46	246.0	47	46.0	39690	87875	905	115	0.1	40.3	3.1
data7-10-63-11852.txt	10	7	63	57	65.2	57	57.0	39690	86643	35	0	0.0	51.8	5.1
data7-10-63-11853.txt	10	7	63	48	159.3	48	48.0	39690	86911	852	0	0.0	45.0	5.3
data7-10-63-11854.txt	10	7	63	49	70.4	50	49.0	39690	86441	1585	196	0.1	44.4	2.5
data7-10-63-11855.txt	10	7	63	52	754.5	53	52.0	39690	87297	2811	176	0.1	47.0	5.3
data7-10-63-11856.txt	10	7	63	52	25.1	53	52.0	39690	87847	76	97	0.1	50.5	4.9
data7-10-63-11857.txt	10	7	63	52	47.5	52	52.0	39690	87372	37	8	0.0	48.7	5.0
data7-10-63-11858.txt	10	7	63	43	12.7	45	43.0	39690	86851	1	17	0.0	42.0	2.3
data7-10-63-11859.txt	10	7	63	48	269.2	49	48.0	39690	87053	4497	555	0.3	46.0	2.0
data7-10-63-11860.txt	10	7	63	52	689.6	53	52.0	39690	87023	8438	35	0.0	51.0	5.4
data7-10-63-11861.txt	10	7	63	51	13.7	51	51.0	39690	87712	0	0	0.0	49.5	3.5
data7-10-63-11862.txt	10	7	63	54	423.2	55	54.0	39690	87081	799	55	0.1	48.5	11.9
data7-10-63-11863.txt	10	7	63	52	233.8	52	52.0	39690	87421	776	34	0.0	45.2	3.5
data7-10-63-11864.txt	10	7	63	59	354.7	60	59.0	39690	87216	661	70	0.1	56.0	5.5
data7-10-63-11865.txt	10	7	63	42	5.8	42	42.0	39690	86405	1	7	0.0	41.0	2.0
data7-10-63-11866.txt	10	7	63	53	16.3	53	53.0	39690	87234	0	0	0.0	52.0	5.5
data7-10-63-11867.txt	10	7	63	44	164.0	44	44.0	39690	86985	2815	93	0.1	39.0	2.0
data7-10-63-11868.txt	10	7	63	54	136.7	54	54.0	39690	87081	818	6	0.0	49.5	4.4
data7-10-63-11869.txt	10	7	63	54	437.7	55	54.0	39690	87107	888	104	0.1	49.5	5.3
data7-10-63-11870.txt	10	7	63	50	313.6	50	50.0	39690	86939	2883	0	0.0	46.0	5.2
data7-10-63-11871.txt	10	7	63	54	26.1	54	54.0	39690	87438	31	58	0.0	49.8	10.1
data7-10-63-11872.txt	10	7	63	51	12.6	52	51.0	39690	87429	1	46	0.1	51.0	4.2
data7-10-63-11873.txt	10	7	63	50	10.8	50	50.0	39690	86828	1	11	0.0	49.0	3.0
data7-10-63-11874.txt	10	7	63	48	11.0	48	48.0	39690	86616	9	61	0.0	46.5	1.9
data7-10-63-11875.txt	10	7	63	60	347.1	60	60.0	39690	87407	561	0	0.0	54.0	6.3
data7-10-63-11876.txt	10	7	63	56	359.5	57	56.0	39690	87558	2300	175	0.2	53.5	5.1
data7-10-63-11877.txt	10	7	63	49	179.0	51	49.0	39690	86988	1229	42	0.0	45.0	2.5
data7-10-63-11878.txt	10	7	63	46	8.8	46	46.0	39690	86999	1	9	0.0	44.5	1.8
data7-10-63-11879.txt	10	7	63	64	2004.7	67	64.0	39690	87533	2761	349	0.3	60.0	8.9
data7-10-63-11880.txt	10	7	63	55	312.6	55	55.0	39690	87411	1297	16	0.0	47.6	2.5
data7-10-63-11881.txt	10	7	63	49	355.8	50	49.0	39690	87401	1156	168	0.2	45.1	4.7
data7-10-63-11882.txt	10	7	63	57	336.0	57	57.0	39690	86998	2193	35	0.0	48.2	2.7
data7-10-63-11883.txt	10	7	63	53	21.5	53	53.0	39690	87039	1	0	0.0	51.2	4.8
data7-10-63-11884.txt	10	7	63	49	114.0	49	49.0	39690	87120	1393	20	0.0	47.0	3.9
data7-10-63-11885.txt	10	7	63	53	383.0	53	53.0	39690	86812	9224	165	0.1	49.5	3.4
data7-10-63-11886.txt	10	7	63	55	298.9	55	55.0	39690	86687	2137	106	0.1	49.3	1.8
data7-10-63-11887.txt	10	7	63	42	12.6	42	42.0	39690	86713	1	11	0.0	38.5	1.6
data7-10-63-11888.txt	10	7	63	50	29.8	51	50.0	39690	87202	46	110	0.1	49.0	3.4
data7-10-63-11889.txt	10	7	63	41	9.6	41	41.0	39690	86659	1	0	0.0	38.0	1.7
data7-10-63-11890.txt	10	7	63	52	398.1	53	52.0	39690	86664	1977	201	0.2	47.2	3.3
data7-10-63-11891.txt	10	7	63	44	7.9	44	44.0	39690	86495	0	0	0.0	42.5	2.4
data7-10-63-11892.txt	10	7	63	49	6.9	49	49.0	39690	87220	0	0	0.0	47.5	4.0
data7-10-63-11893.txt	10	7	63	50	25.0	50	50.0	39690	87266	106	57	0.0	47.0	2.9
data7-10-63-11894.txt	10	7	63	55	509.4	55	55.0	39690	87368	1126	105	0.1	51.0	10.2
data7-10-63-11895.txt	10	7	63	55	49.4	55	55.0	39690	87469	350	104	0.1	51.5	7.0

Name	<i>w</i>	<i>h</i>	<i>n</i>	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	<i>T_C</i>	Lp	<i>T_{lp}</i>
data7-10-63-11896.txt	10	7	63	60	15.9	60	60.0	39690	87993	0	0	0.0	59.1	17.5
data7-10-63-11897.txt	10	7	63	47	4.7	47	47.0	39690	86288	0	0	0.0	47.0	2.1
data7-10-63-11898.txt	10	7	63	53	107.1	53	53.0	39690	87011	1576	19	0.0	49.5	3.3
data7-10-63-11899.txt	10	7	63	46	9.0	46	46.0	39690	86596	0	0	0.0	44.5	3.0
data7-10-63-11900.txt	10	7	63	50	72.4	50	50.0	39690	88158	679	38	0.0	46.5	7.9
data7-10-64-11901.txt	10	7	64	62	1448.1	62	62.0	40960	90661	5682	280	0.3	54.5	7.9
data7-10-64-11902.txt	10	7	64	53	10.4	53	53.0	40960	89452	1	13	0.0	51.5	2.1
data7-10-64-11903.txt	10	7	64	70	722.3	70	70.0	40960	90167	2768	136	0.1	61.7	10.0
data7-10-64-11904.txt	10	7	64	46	147.6	46	46.0	40960	90025	2406	201	0.2	40.0	1.6
data7-10-64-11905.txt	10	7	64	59	3602.0	59	57.0	40960	90380	9987	154	0.1	54.0	12.0
data7-10-64-11906.txt	10	7	64	51	1044.0	51	51.0	40960	90028	4976	2	0.0	48.0	4.4
data7-10-64-11907.txt	10	7	64	47	26.9	47	47.0	40960	89325	40	6	0.0	44.0	3.5
data7-10-64-11908.txt	10	7	64	44	12.0	44	44.0	40960	89725	1	0	0.0	41.2	2.0
data7-10-64-11909.txt	10	7	64	61	1781.2	65	61.0	40960	90666	3402	413	0.4	58.0	5.8
data7-10-64-11910.txt	10	7	64	53	808.3	53	53.0	40960	89831	2571	16	0.0	49.5	4.7
data7-10-64-11911.txt	10	7	64	59	1570.3	59	59.0	40960	90137	5139	85	0.1	54.3	8.0
data7-10-64-11912.txt	10	7	64	56	27.2	56	56.0	40960	89472	109	3	0.0	51.5	2.6
data7-10-64-11913.txt	10	7	64	57	766.5	58	57.0	40960	90063	2187	68	0.1	50.3	5.1
data7-10-64-11914.txt	10	7	64	51	23.0	52	51.0	40960	89998	33	102	0.1	50.0	4.7
data7-10-64-11915.txt	10	7	64	46	70.0	47	46.0	40960	89490	1132	96	0.1	44.0	2.6
data7-10-64-11916.txt	10	7	64	51	24.1	51	51.0	40960	90380	5	0	0.0	46.9	3.0
data7-10-64-11917.txt	10	7	64	53	527.5	54	53.0	40960	91032	2512	54	0.1	47.0	4.3
data7-10-64-11918.txt	10	7	64	46	12.1	46	46.0	40960	89872	0	0	0.0	46.0	4.9
data7-10-64-11919.txt	10	7	64	57	689.4	57	57.0	40960	90481	2689	49	0.1	50.4	11.9
data7-10-64-11920.txt	10	7	64	54	134.6	55	54.0	40960	90062	600	33	0.0	51.7	3.9
data7-10-64-11921.txt	10	7	64	60	1075.2	60	60.0	40960	90766	7619	352	0.3	51.7	6.0
data7-10-64-11922.txt	10	7	64	58	216.3	58	58.0	40960	90069	1392	119	0.1	51.0	4.2
data7-10-64-11923.txt	10	7	64	62	3601.8	62	61.0	40960	89940	10284	229	0.2	54.5	10.1
data7-10-64-11924.txt	10	7	64	53	18.7	53	53.0	40960	90356	0	0	0.0	51.7	11.0
data7-10-64-11925.txt	10	7	64	46	7.0	46	46.0	40960	89509	0	0	0.0	45.5	3.1
data7-10-64-11926.txt	10	7	64	61	351.9	61	61.0	40960	90423	3417	0	0.0	57.5	12.5
data7-10-64-11927.txt	10	7	64	45	15.4	45	45.0	40960	89180	1	0	0.0	42.5	2.3
data7-10-64-11928.txt	10	7	64	58	177.2	58	58.0	40960	90220	625	0	0.0	54.5	4.8
data7-10-64-11929.txt	10	7	64	54	37.8	54	54.0	40960	90178	28	0	0.0	48.7	4.5
data7-10-64-11930.txt	10	7	64	60	1145.0	60	60.0	40960	90934	4368	203	0.2	56.5	12.9
data7-10-64-11931.txt	10	7	64	67	1596.5	69	67.0	40960	90416	2870	403	0.3	62.7	19.2
data7-10-64-11932.txt	10	7	64	51	28.2	51	51.0	40960	89782	1	0	0.0	47.0	2.7
data7-10-64-11933.txt	10	7	64	53	22.6	53	53.0	40960	89459	27	2	0.0	48.5	1.9
data7-10-64-11934.txt	10	7	64	59	1119.0	61	59.0	40960	90211	4137	724	0.6	53.8	6.6
data7-10-64-11935.txt	10	7	64	59	657.8	60	59.0	40960	90327	835	22	0.0	52.8	7.0
data7-10-64-11936.txt	10	7	64	58	25.9	58	58.0	40960	90118	1	3	0.0	55.5	7.7
data7-10-64-11937.txt	10	7	64	50	12.6	50	50.0	40960	89333	1	6	0.0	48.0	3.5
data7-10-64-11938.txt	10	7	64	54	397.2	56	54.0	40960	90283	645	202	0.2	52.2	4.5
data7-10-64-11939.txt	10	7	64	60	791.5	60	60.0	40960	90321	1191	0	0.0	54.0	7.5
data7-10-64-11940.txt	10	7	64	52	152.5	52	52.0	40960	89614	1493	3	0.0	49.0	3.3
data7-10-64-11941.txt	10	7	64	51	26.2	51	51.0	40960	90023	1	0	0.0	48.5	5.3
data7-10-64-11942.txt	10	7	64	49	23.2	49	49.0	40960	89898	235	0	0.0	46.6	2.4
data7-10-64-11943.txt	10	7	64	56	1345.9	56	56.0	40960	90347	8334	76	0.1	46.0	3.0
data7-10-64-11944.txt	10	7	64	51	78.6	51	51.0	40960	89551	1189	3	0.0	47.5	2.1
data7-10-64-11945.txt	10	7	64	58	299.8	58	58.0	40960	90949	832	53	0.1	53.0	9.7
data7-10-64-11946.txt	10	7	64	55	285.0	56	55.0	40960	90028	1527	145	0.1	52.5	8.3
data7-10-64-11947.txt	10	7	64	53	455.5	53	53.0	40960	89961	940	4	0.0	48.5	5.7
data7-10-64-11948.txt	10	7	64	55	299.4	55	55.0	40960	91218	1117	25	0.0	50.5	10.6
data7-10-64-11949.txt	10	7	64	61	2381.5	61	61.0	40960	90574	13654	548	0.3	57.5	6.0
data7-10-64-11950.txt	10	7	64	64	3391.4	65	64.0	40960	90190	8491	210	0.2	59.7	13.0
data7-10-64-11951.txt	10	7	64	59	3601.6	59	57.0	40960	90328	2688	68	0.1	50.5	7.2
data7-10-64-11952.txt	10	7	64	43	5.7	43	43.0	40960	89041	0	0	0.0	42.2	1.8
data7-10-64-11953.txt	10	7	64	41	5.9	41	41.0	40960	89130	0	0	0.0	40.0	1.5
data7-10-64-11954.txt	10	7	64	48	6.1	48	48.0	40960	89283	0	0	0.0	48.0	2.4
data7-10-64-11955.txt	10	7	64	60	3601.8	60	57.0	40960	90472	2354	113	0.1	51.0	4.8
data7-10-64-11956.txt	10	7	64	51	18.3	51	51.0	40960	90088	4	20	0.0	49.0	3.2
data7-10-64-11957.txt	10	7	64	58	1476.8	59	58.0	40960	90294	4411	151	0.1	50.8	9.0
data7-10-64-11958.txt	10	7	64	54	515.8	54	54.0	40960	90033	745	51	0.0	47.0	5.1
data7-10-64-11959.txt	10	7	64	56	66.1	56	56.0	40960	90354	245	42	0.0	52.5	5.3
data7-10-64-11960.txt	10	7	64	60	289.9	61	60.0	40960	89998	1102	112	0.1	57.5	3.3
data7-10-64-11961.txt	10	7	64	53	679.3	54	53.0	40960	90188	1365	249	0.2	50.5	6.1
data7-10-64-11962.txt	10	7	64	48	4.0	48	48.0	40960	89712	0	0	0.0	47.5	2.1
data7-10-64-11963.txt	10	7	64	54	416.1	54	54.0	40960	90335	1200	0	0.0	48.0	5.3
data7-10-64-11964.txt	10	7	64	56	126.9	56	56.0	40960	90151	1318	0	0.0	51.5	8.3
data7-10-64-11965.txt	10	7	64	49	178.5	49	49.0	40960	89852	1184	7	0.0	45.5	2.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-64-11966.txt	10	7	64	51	12.4	51	51.0	40960	89686	0	0	0.0	50.0	3.7
data7-10-64-11967.txt	10	7	64	51	89.8	52	51.0	40960	89681	559	90	0.1	48.5	2.4
data7-10-64-11968.txt	10	7	64	45	139.1	45	45.0	40960	89484	2395	0	0.0	42.0	2.5
data7-10-64-11969.txt	10	7	64	53	91.0	54	53.0	40960	89856	837	22	0.0	49.0	7.6
data7-10-64-11970.txt	10	7	64	53	23.2	53	53.0	40960	88771	1	11	0.0	50.0	2.7
data7-10-64-11971.txt	10	7	64	53	17.6	53	53.0	40960	89558	1	0	0.0	50.5	2.1
data7-10-64-11972.txt	10	7	64	58	376.7	58	58.0	40960	91048	1091	0	0.0	51.8	15.4
data7-10-64-11973.txt	10	7	64	47	47.5	47	47.0	40960	89454	530	0	0.0	43.5	2.2
data7-10-64-11974.txt	10	7	64	47	7.9	47	47.0	40960	89491	0	0	0.0	46.5	3.4
data7-10-64-11975.txt	10	7	64	56	29.9	57	56.0	40960	89430	229	173	0.2	53.8	5.7
data7-10-64-11976.txt	10	7	64	59	2230.0	61	59.0	40960	90457	6593	129	0.1	52.0	5.1
data7-10-64-11977.txt	10	7	64	56	28.4	56	56.0	40960	90371	3	0	0.0	53.2	5.4
data7-10-64-11978.txt	10	7	64	48	10.5	48	48.0	40960	89252	1	14	0.0	46.0	3.0
data7-10-64-11979.txt	10	7	64	50	289.7	50	50.0	40960	89624	3751	11	0.0	47.2	4.6
data7-10-64-11980.txt	10	7	64	56	175.8	57	56.0	40960	89627	566	14	0.0	51.2	6.2
data7-10-64-11981.txt	10	7	64	52	16.5	52	52.0	40960	90240	1	15	0.0	51.0	6.6
data7-10-64-11982.txt	10	7	64	52	9.2	52	52.0	40960	89646	29	10	0.0	49.8	2.9
data7-10-64-11983.txt	10	7	64	56	15.3	56	56.0	40960	90223	0	0	0.0	55.0	11.7
data7-10-64-11984.txt	10	7	64	56	365.0	56	56.0	40960	90198	2240	125	0.1	50.8	4.1
data7-10-64-11985.txt	10	7	64	59	395.9	59	59.0	40960	89205	908	24	0.0	54.5	8.6
data7-10-64-11986.txt	10	7	64	53	839.3	55	53.0	40960	90650	1395	255	0.2	50.0	4.3
data7-10-64-11987.txt	10	7	64	56	27.4	56	56.0	40960	89936	1386	164	0.1	53.5	4.5
data7-10-64-11988.txt	10	7	64	59	19.3	59	59.0	40960	90100	85	92	0.1	56.7	5.3
data7-10-64-11989.txt	10	7	64	45	14.7	45	45.0	40960	89710	1	2	0.0	41.5	2.7
data7-10-64-11990.txt	10	7	64	56	1072.2	56	56.0	40960	90410	6791	96	0.1	47.9	7.4
data7-10-64-11991.txt	10	7	64	47	11.0	47	47.0	40960	89334	0	0	0.0	47.0	5.0
data7-10-64-11992.txt	10	7	64	55	126.6	55	55.0	40960	89721	1286	65	0.0	50.0	3.3
data7-10-64-11993.txt	10	7	64	44	11.2	44	44.0	40960	89621	1	0	0.0	41.5	1.8
data7-10-64-11994.txt	10	7	64	60	20.0	60	60.0	40960	90290	1	28	0.0	54.5	8.7
data7-10-64-11995.txt	10	7	64	56	13.3	56	56.0	40960	90130	1	2	0.0	54.2	5.1
data7-10-64-11996.txt	10	7	64	51	5.5	51	51.0	40960	90082	0	0	0.0	51.0	3.7
data7-10-64-11997.txt	10	7	64	56	6.6	56	56.0	40960	89728	0	0	0.0	56.0	2.5
data7-10-64-11998.txt	10	7	64	49	5.9	49	49.0	40960	89861	0	3	0.0	48.0	3.7
data7-10-64-11999.txt	10	7	64	51	266.7	52	51.0	40960	90011	1484	72	0.1	45.8	4.0
data7-10-64-12000.txt	10	7	64	54	55.6	54	54.0	40960	89653	377	24	0.0	52.2	3.3
data7-10-65-12001.txt	10	7	65	49	19.2	49	49.0	42250	92484	1	6	0.0	47.2	4.6
data7-10-65-12002.txt	10	7	65	57	1604.0	58	57.0	42250	93272	1550	77	0.1	53.5	5.2
data7-10-65-12003.txt	10	7	65	57	1448.4	58	57.0	42250	92939	3204	93	0.1	54.5	7.6
data7-10-65-12004.txt	10	7	65	57	1977.5	57	57.0	42250	92570	14262	158	0.1	51.2	5.9
data7-10-65-12005.txt	10	7	65	51	199.5	51	51.0	42250	92220	3814	78	0.1	47.5	3.8
data7-10-65-12006.txt	10	7	65	58	667.6	58	58.0	42250	93292	2247	209	0.2	50.6	6.1
data7-10-65-12007.txt	10	7	65	58	14.3	58	58.0	42250	92641	0	0	0.0	57.0	6.0
data7-10-65-12008.txt	10	7	65	54	16.3	54	54.0	42250	92378	1	0	0.0	52.0	3.4
data7-10-65-12009.txt	10	7	65	51	12.8	52	51.0	42250	92411	1	88	0.1	50.0	3.2
data7-10-65-12010.txt	10	7	65	59	985.4	59	59.0	42250	92805	1192	89	0.1	55.0	5.7
data7-10-65-12011.txt	10	7	65	58	988.4	58	58.0	42250	93015	2780	203	0.1	51.3	10.5
data7-10-65-12012.txt	10	7	65	59	382.7	60	59.0	42250	93528	1334	327	0.2	57.0	8.8
data7-10-65-12013.txt	10	7	65	57	595.5	59	57.0	42250	92815	734	138	0.1	52.0	7.5
data7-10-65-12014.txt	10	7	65	52	2276.2	53	52.0	42250	93003	7766	285	0.2	48.8	5.5
data7-10-65-12015.txt	10	7	65	63	472.4	64	63.0	42250	92508	914	116	0.1	58.3	5.4
data7-10-65-12016.txt	10	7	65	55	369.0	55	55.0	42250	93171	2794	139	0.1	49.5	5.2
data7-10-65-12017.txt	10	7	65	63	143.3	63	63.0	42250	93225	771	43	0.0	59.5	4.9
data7-10-65-12018.txt	10	7	65	52	6.8	52	52.0	42250	92354	0	0	0.0	52.0	2.7
data7-10-65-12019.txt	10	7	65	56	9.8	56	56.0	42250	92270	1	0	0.0	54.0	2.5
data7-10-65-12020.txt	10	7	65	54	284.3	54	54.0	42250	91930	2160	23	0.0	52.0	3.4
data7-10-65-12021.txt	10	7	65	57	2272.6	57	57.0	42250	92317	31226	155	0.1	51.3	2.3
data7-10-65-12022.txt	10	7	65	50	181.0	50	50.0	42250	92619	1170	0	0.0	46.3	6.3
data7-10-65-12023.txt	10	7	65	60	2531.1	61	60.0	42250	92684	10425	527	0.4	57.0	5.7
data7-10-65-12024.txt	10	7	65	59	21.3	59	59.0	42250	92819	1	0	0.0	56.5	8.2
data7-10-65-12025.txt	10	7	65	64	2463.7	64	64.0	42250	93209	7597	443	0.4	53.7	10.2
data7-10-65-12026.txt	10	7	65	63	26.3	63	63.0	42250	92760	10	7	0.0	58.5	3.4
data7-10-65-12027.txt	10	7	65	56	11.9	56	56.0	42250	92777	0	0	0.0	56.0	6.5
data7-10-65-12028.txt	10	7	65	68	3602.1	68	66.0	42250	93372	4141	335	0.3	61.0	15.1
data7-10-65-12029.txt	10	7	65	51	21.8	52	51.0	42250	92160	16	33	0.0	48.5	2.7
data7-10-65-12030.txt	10	7	65	63	731.8	63	63.0	42250	93137	1090	48	0.0	58.0	13.5
data7-10-65-12031.txt	10	7	65	54	1877.9	55	54.0	42250	93075	3193	379	0.3	50.5	3.3
data7-10-65-12032.txt	10	7	65	57	478.9	58	57.0	42250	93289	626	18	0.0	51.5	9.2
data7-10-65-12033.txt	10	7	65	50	373.6	50	50.0	42250	92500	3301	0	0.0	42.0	2.9
data7-10-65-12034.txt	10	7	65	57	225.8	57	57.0	42250	93718	829	0	0.0	52.5	10.4
data7-10-65-12035.txt	10	7	65	57	437.6	57	57.0	42250	93372	1417	39	0.0	51.5	9.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-65-12036.txt	10	7	65	60	1202.2	61	60.0	42250	93281	1507	322	0.3	57.5	8.7
data7-10-65-12037.txt	10	7	65	50	10.8	50	50.0	42250	91877	0	0	0.0	49.5	3.5
data7-10-65-12038.txt	10	7	65	50	264.8	50	50.0	42250	92625	1090	30	0.0	46.5	4.0
data7-10-65-12039.txt	10	7	65	48	3.7	48	48.0	42250	91654	0	0	0.0	47.5	1.9
data7-10-65-12040.txt	10	7	65	47	379.7	48	47.0	42250	92946	1354	87	0.1	41.0	2.5
data7-10-65-12041.txt	10	7	65	47	8.4	47	47.0	42250	92554	0	4	0.0	46.0	2.4
data7-10-65-12042.txt	10	7	65	63	3601.8	63	62.0	42250	93620	16541	211	0.2	57.5	7.9
data7-10-65-12043.txt	10	7	65	49	36.9	49	49.0	42250	92061	1	0	0.0	45.5	2.5
data7-10-65-12044.txt	10	7	65	59	3264.5	61	59.0	42250	92896	8282	287	0.3	53.0	8.1
data7-10-65-12045.txt	10	7	65	55	54.5	55	55.0	42250	92674	15	13	0.0	52.0	13.2
data7-10-65-12046.txt	10	7	65	58	416.6	59	58.0	42250	92860	834	189	0.2	54.0	6.8
data7-10-65-12047.txt	10	7	65	66	2740.2	67	66.0	42250	93596	3240	349	0.4	62.3	15.3
data7-10-65-12048.txt	10	7	65	50	2382.9	50	50.0	42250	92096	20778	0	0.0	47.0	5.7
data7-10-65-12049.txt	10	7	65	66	32.0	66	66.0	42250	92855	1	10	0.0	59.9	10.0
data7-10-65-12050.txt	10	7	65	47	12.7	47	47.0	42250	92726	1	13	0.0	45.0	3.1
data7-10-65-12051.txt	10	7	65	58	894.4	60	58.0	42250	94101	1493	209	0.2	53.0	11.5
data7-10-65-12052.txt	10	7	65	54	255.8	54	54.0	42250	92646	1568	65	0.1	48.5	6.9
data7-10-65-12053.txt	10	7	65	69	2496.0	70	69.0	42250	93154	5354	791	0.8	64.0	16.5
data7-10-65-12054.txt	10	7	65	59	98.2	60	59.0	42250	92719	747	87	0.1	55.5	7.6
data7-10-65-12055.txt	10	7	65	55	232.0	55	55.0	42250	92799	2637	34	0.0	52.5	7.4
data7-10-65-12056.txt	10	7	65	62	3476.2	65	62.0	42250	93062	13438	724	0.5	53.2	8.4
data7-10-65-12057.txt	10	7	65	55	229.4	56	55.0	42250	92986	654	32	0.0	51.4	3.7
data7-10-65-12058.txt	10	7	65	53	11.5	53	53.0	42250	92170	1	3	0.0	50.7	3.3
data7-10-65-12059.txt	10	7	65	53	175.7	53	53.0	42250	92608	797	106	0.1	48.0	3.9
data7-10-65-12060.txt	10	7	65	58	686.1	59	58.0	42250	92901	2546	449	0.4	50.5	6.7
data7-10-65-12061.txt	10	7	65	62	974.0	62	62.0	42250	93587	3278	24	0.0	55.8	4.1
data7-10-65-12062.txt	10	7	65	59	91.8	59	59.0	42250	92762	971	20	0.0	54.5	4.8
data7-10-65-12063.txt	10	7	65	59	40.6	59	59.0	42250	92620	99	40	0.1	57.0	4.8
data7-10-65-12064.txt	10	7	65	61	362.8	61	61.0	42250	93204	1791	3	0.0	55.5	6.7
data7-10-65-12065.txt	10	7	65	61	1211.6	61	61.0	42250	93640	2670	104	0.1	54.5	7.6
data7-10-65-12066.txt	10	7	65	57	77.2	57	57.0	42250	92610	14	0	0.0	53.0	5.9
data7-10-65-12067.txt	10	7	65	54	136.4	56	54.0	42250	93195	691	152	0.1	52.0	6.8
data7-10-65-12068.txt	10	7	65	56	209.6	56	56.0	42250	92936	1082	0	0.0	53.0	3.6
data7-10-65-12069.txt	10	7	65	51	8.7	51	51.0	42250	92612	1	3	0.0	50.0	2.8
data7-10-65-12070.txt	10	7	65	51	8.6	51	51.0	42250	92117	1	0	0.0	49.5	2.2
data7-10-65-12071.txt	10	7	65	58	277.3	58	58.0	42250	92520	785	28	0.0	52.0	3.7
data7-10-65-12072.txt	10	7	65	64	10.1	64	64.0	42250	92524	0	0	0.0	64.0	3.5
data7-10-65-12073.txt	10	7	65	62	548.0	62	62.0	42250	92813	7894	102	0.1	55.8	4.0
data7-10-65-12074.txt	10	7	65	53	193.0	53	53.0	42250	92582	3332	77	0.0	51.0	4.8
data7-10-65-12075.txt	10	7	65	69	3601.8	69	65.0	42250	93109	13045	284	0.2	59.4	4.9
data7-10-65-12076.txt	10	7	65	49	59.9	50	49.0	42250	92627	366	84	0.1	46.5	3.0
data7-10-65-12077.txt	10	7	65	54	38.6	54	54.0	42250	92276	30	5	0.0	51.0	6.2
data7-10-65-12078.txt	10	7	65	55	359.7	55	55.0	42250	92788	666	10	0.0	49.0	3.7
data7-10-65-12079.txt	10	7	65	58	19.8	58	58.0	42250	92823	1	11	0.0	55.2	5.1
data7-10-65-12080.txt	10	7	65	46	6.3	46	46.0	42250	92352	0	0	0.0	45.0	2.2
data7-10-65-12081.txt	10	7	65	65	3601.2	65	62.0	42250	92890	11044	719	0.6	57.0	11.6
data7-10-65-12082.txt	10	7	65	64	3602.0	64	62.0	42250	92793	25335	628	0.6	55.5	7.2
data7-10-65-12083.txt	10	7	65	58	24.7	58	58.0	42250	92222	140	191	0.1	56.0	6.7
data7-10-65-12084.txt	10	7	65	57	129.3	60	57.0	42250	93186	515	136	0.1	53.0	4.1
data7-10-65-12085.txt	10	7	65	61	14.1	61	61.0	42250	92584	1	26	0.0	59.0	4.6
data7-10-65-12086.txt	10	7	65	60	6.3	60	60.0	42250	92284	0	0	0.0	60.0	2.8
data7-10-65-12087.txt	10	7	65	56	1837.8	56	56.0	42250	92144	30919	214	0.2	51.4	3.5
data7-10-65-12088.txt	10	7	65	56	616.0	56	56.0	42250	92858	10430	35	0.0	47.7	3.9
data7-10-65-12089.txt	10	7	65	57	20.9	57	57.0	42250	92781	1	40	0.0	54.5	6.1
data7-10-65-12090.txt	10	7	65	54	244.9	54	54.0	42250	92878	1672	29	0.0	50.2	2.8
data7-10-65-12091.txt	10	7	65	55	3104.6	55	55.0	42250	93378	9063	5	0.0	49.0	7.6
data7-10-65-12092.txt	10	7	65	55	16.3	55	55.0	42250	92789	0	3	0.0	53.5	4.7
data7-10-65-12093.txt	10	7	65	55	1528.4	56	55.0	42250	92485	6219	586	0.6	52.0	3.0
data7-10-65-12094.txt	10	7	65	53	82.3	53	53.0	42250	93129	216	25	0.0	48.6	5.8
data7-10-65-12095.txt	10	7	65	51	5.9	52	51.0	42250	92091	1	38	0.0	50.5	1.8
data7-10-65-12096.txt	10	7	65	56	12.2	56	56.0	42250	92583	0	0	0.0	54.7	2.7
data7-10-65-12097.txt	10	7	65	53	541.1	53	53.0	42250	93150	1379	9	0.0	46.5	3.9
data7-10-65-12098.txt	10	7	65	55	10.5	56	55.0	42250	92876	20	112	0.1	55.0	4.9
data7-10-65-12099.txt	10	7	65	60	487.1	60	60.0	42250	93425	1109	4	0.0	54.5	3.0
data7-10-65-12100.txt	10	7	65	58	21.8	58	58.0	42250	92803	1	3	0.0	55.5	4.9
data7-10-66-12101.txt	10	7	66	56	11.4	56	56.0	43560	95518	0	0	0.0	56.0	6.3
data7-10-66-12102.txt	10	7	66	43	82.9	44	43.0	43560	95393	1118	45	0.0	41.5	3.0
data7-10-66-12103.txt	10	7	66	54	209.3	56	54.0	43560	95252	1243	254	0.2	51.0	4.6
data7-10-66-12104.txt	10	7	66	59	168.8	59	59.0	43560	96261	798	154	0.1	55.2	15.2
data7-10-66-12105.txt	10	7	66	50	9.6	50	50.0	43560	94561	1	0	0.0	49.0	4.3

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-66-12106.txt	10	7	66	53	10.1	53	53.0	43560	95364	30	35	0.0	52.0	2.9
data7-10-66-12107.txt	10	7	66	59	12.1	59	59.0	43560	95683	11	15	0.0	57.5	4.8
data7-10-66-12108.txt	10	7	66	61	3600.9	61	60.0	43560	96626	8740	262	0.2	55.5	12.5
data7-10-66-12109.txt	10	7	66	66	2397.2	66	66.0	43560	96307	6896	121	0.1	58.0	8.2
data7-10-66-12110.txt	10	7	66	59	577.3	60	59.0	43560	95715	2087	136	0.1	58.0	8.2
data7-10-66-12111.txt	10	7	66	51	151.6	51	51.0	43560	94728	567	3	0.0	49.0	3.5
data7-10-66-12112.txt	10	7	66	50	82.4	50	50.0	43560	94849	936	6	0.0	47.2	2.0
data7-10-66-12113.txt	10	7	66	63	3601.9	63	62.0	43560	95661	11064	44	0.0	55.5	11.4
data7-10-66-12114.txt	10	7	66	58	36.0	58	58.0	43560	95672	255	63	0.1	57.0	13.9
data7-10-66-12115.txt	10	7	66	54	130.8	54	54.0	43560	95576	1047	0	0.0	50.2	4.7
data7-10-66-12116.txt	10	7	66	57	24.0	58	57.0	43560	95607	41	123	0.1	57.0	6.0
data7-10-66-12117.txt	10	7	66	50	6.5	50	50.0	43560	95092	1	47	0.0	48.0	1.4
data7-10-66-12118.txt	10	7	66	63	12.7	63	63.0	43560	96198	0	0	0.0	62.5	13.9
data7-10-66-12119.txt	10	7	66	58	185.6	58	58.0	43560	95382	1909	139	0.1	54.5	3.7
data7-10-66-12120.txt	10	7	66	49	37.5	49	49.0	43560	95129	515	6	0.0	45.2	1.8
data7-10-66-12121.txt	10	7	66	56	17.9	56	56.0	43560	95496	0	5	0.0	52.0	5.1
data7-10-66-12122.txt	10	7	66	51	377.4	52	51.0	43560	95642	1177	188	0.2	47.5	4.9
data7-10-66-12123.txt	10	7	66	63	1672.4	64	63.0	43560	95183	1684	91	0.1	59.0	14.0
data7-10-66-12124.txt	10	7	66	51	16.0	51	51.0	43560	95690	0	0	0.0	50.0	7.1
data7-10-66-12125.txt	10	7	66	59	26.2	59	59.0	43560	95518	9	13	0.0	55.4	3.2
data7-10-66-12126.txt	10	7	66	53	520.1	53	53.0	43560	95676	2689	14	0.0	44.5	4.7
data7-10-66-12127.txt	10	7	66	51	36.2	51	51.0	43560	96066	14	32	0.0	49.0	4.3
data7-10-66-12128.txt	10	7	66	53	6.3	53	53.0	43560	95698	0	2	0.0	52.0	3.1
data7-10-66-12129.txt	10	7	66	51	361.5	52	51.0	43560	95311	1203	75	0.1	47.7	2.4
data7-10-66-12130.txt	10	7	66	58	26.3	59	58.0	43560	95249	154	148	0.2	56.5	4.3
data7-10-66-12131.txt	10	7	66	59	33.2	59	59.0	43560	95506	1	0	0.0	55.5	6.5
data7-10-66-12132.txt	10	7	66	64	429.7	65	64.0	43560	96496	2762	139	0.1	61.0	16.1
data7-10-66-12133.txt	10	7	66	63	26.3	63	63.0	43560	95645	1	7	0.0	62.0	6.8
data7-10-66-12134.txt	10	7	66	58	11.0	58	58.0	43560	95369	0	0	0.0	58.0	4.2
data7-10-66-12135.txt	10	7	66	57	633.2	57	57.0	43560	96214	2826	227	0.3	52.2	9.7
data7-10-66-12136.txt	10	7	66	60	417.1	61	60.0	43560	95587	723	70	0.1	54.5	11.3
data7-10-66-12137.txt	10	7	66	74	3601.7	74	73.0	43560	96274	15312	194	0.2	65.0	5.9
data7-10-66-12138.txt	10	7	66	53	9.7	53	53.0	43560	95703	0	0	0.0	52.5	6.8
data7-10-66-12139.txt	10	7	66	62	1992.5	62	62.0	43560	96073	10490	513	0.4	55.5	6.4
data7-10-66-12140.txt	10	7	66	56	7.7	56	56.0	43560	95084	1	0	0.0	54.0	3.7
data7-10-66-12141.txt	10	7	66	60	31.1	60	60.0	43560	95706	103	100	0.1	56.3	5.5
data7-10-66-12142.txt	10	7	66	46	24.5	46	46.0	43560	94928	1	0	0.0	42.5	3.8
data7-10-66-12143.txt	10	7	66	56	20.1	56	56.0	43560	95229	1	9	0.0	53.0	3.8
data7-10-66-12144.txt	10	7	66	65	82.3	65	65.0	43560	95892	415	3	0.0	62.5	8.4
data7-10-66-12145.txt	10	7	66	77	3601.9	77	71.0	43560	96737	2958	201	0.1	60.8	16.9
data7-10-66-12146.txt	10	7	66	57	277.5	57	57.0	43560	94843	1628	80	0.1	53.0	5.5
data7-10-66-12147.txt	10	7	66	59	17.6	59	59.0	43560	95371	15	114	0.1	58.0	6.2
data7-10-66-12148.txt	10	7	66	57	499.8	58	57.0	43560	95780	957	97	0.1	53.5	8.9
data7-10-66-12149.txt	10	7	66	53	248.2	53	53.0	43560	95763	1108	14	0.0	50.0	3.1
data7-10-66-12150.txt	10	7	66	55	34.4	55	55.0	43560	95095	100	6	0.0	50.2	2.3
data7-10-66-12151.txt	10	7	66	55	655.7	56	55.0	43560	95073	1424	57	0.1	51.5	7.7
data7-10-66-12152.txt	10	7	66	51	1772.6	51	51.0	43560	95373	9056	3	0.0	48.0	3.6
data7-10-66-12153.txt	10	7	66	57	25.4	57	57.0	43560	95760	21	10	0.0	54.6	4.3
data7-10-66-12154.txt	10	7	66	51	58.6	52	51.0	43560	95927	200	91	0.1	48.5	7.4
data7-10-66-12155.txt	10	7	66	58	937.2	59	58.0	43560	95610	3224	207	0.2	52.7	6.1
data7-10-66-12156.txt	10	7	66	62	789.1	62	62.0	43560	96327	2434	121	0.1	56.6	9.1
data7-10-66-12157.txt	10	7	66	59	61.4	59	59.0	43560	96143	474	37	0.0	56.7	9.2
data7-10-66-12158.txt	10	7	66	60	8.1	61	60.0	43560	95312	1	55	0.0	55.0	1.9
data7-10-66-12159.txt	10	7	66	53	29.5	53	53.0	43560	95215	1	7	0.0	49.2	4.6
data7-10-66-12160.txt	10	7	66	53	361.3	54	53.0	43560	95582	1275	143	0.1	52.0	3.7
data7-10-66-12161.txt	10	7	66	54	7.8	54	54.0	43560	95022	1	5	0.0	53.0	2.3
data7-10-66-12162.txt	10	7	66	57	4.6	57	57.0	43560	95486	0	0	0.0	57.0	3.4
data7-10-66-12163.txt	10	7	66	60	223.0	60	60.0	43560	96503	1846	44	0.0	55.4	4.4
data7-10-66-12164.txt	10	7	66	52	415.7	53	52.0	43560	95255	1409	381	0.2	51.0	4.9
data7-10-66-12165.txt	10	7	66	61	1057.3	61	61.0	43560	95606	2945	24	0.0	53.2	9.1
data7-10-66-12166.txt	10	7	66	55	392.0	55	55.0	43560	95134	1470	96	0.1	50.5	3.4
data7-10-66-12167.txt	10	7	66	48	11.1	48	48.0	43560	94667	1	0	0.0	46.0	2.5
data7-10-66-12168.txt	10	7	66	58	13.2	58	58.0	43560	95392	1	7	0.0	51.5	4.0
data7-10-66-12169.txt	10	7	66	59	20.2	59	59.0	43560	95226	1	1	0.0	57.5	8.2
data7-10-66-12170.txt	10	7	66	53	11.1	53	53.0	43560	95579	0	0	0.0	52.1	6.4
data7-10-66-12171.txt	10	7	66	60	3604.6	61	58.0	43560	96012	7951	298	0.2	53.5	6.6
data7-10-66-12172.txt	10	7	66	53	348.4	54	53.0	43560	95634	1101	122	0.1	49.0	3.3
data7-10-66-12173.txt	10	7	66	51	84.7	51	51.0	43560	95630	1134	38	0.0	47.0	3.8
data7-10-66-12174.txt	10	7	66	65	3601.7	65	64.0	43560	96278	11522	315	0.3	56.4	12.3
data7-10-66-12175.txt	10	7	66	59	1023.8	59	59.0	43560	96046	2688	94	0.1	55.0	8.8

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T _C	Lp	T _{lp}
data7-10-66-12176.txt	10	7	66	67	452.2	67	67.0	43560	96375	795	30	0.0	61.9	7.4
data7-10-66-12177.txt	10	7	66	60	1486.8	61	60.0	43560	96172	7504	340	0.4	56.0	5.0
data7-10-66-12178.txt	10	7	66	63	58.7	63	63.0	43560	95954	1	11	0.0	60.5	17.8
data7-10-66-12179.txt	10	7	66	59	5.7	59	59.0	43560	95126	0	0	0.0	58.5	4.0
data7-10-66-12180.txt	10	7	66	66	2463.9	67	66.0	43560	96288	9296	289	0.2	62.0	10.2
data7-10-66-12181.txt	10	7	66	49	16.1	49	49.0	43560	95596	1	2	0.0	47.0	2.9
data7-10-66-12182.txt	10	7	66	63	28.9	63	63.0	43560	95610	15	16	0.0	61.0	8.4
data7-10-66-12183.txt	10	7	66	53	258.3	53	53.0	43560	95451	903	20	0.0	48.0	3.7
data7-10-66-12184.txt	10	7	66	56	9.2	56	56.0	43560	94927	0	2	0.0	54.5	2.5
data7-10-66-12185.txt	10	7	66	52	18.9	52	52.0	43560	95585	0	0	0.0	50.5	6.4
data7-10-66-12186.txt	10	7	66	55	837.1	56	55.0	43560	95514	666	37	0.1	50.5	5.2
data7-10-66-12187.txt	10	7	66	48	138.9	48	48.0	43560	95026	1172	40	0.0	44.5	2.2
data7-10-66-12188.txt	10	7	66	51	9.0	51	51.0	43560	95368	1	25	0.0	49.0	4.4
data7-10-66-12189.txt	10	7	66	44	3.4	44	44.0	43560	94417	0	0	0.0	43.5	2.0
data7-10-66-12190.txt	10	7	66	45	9.1	45	45.0	43560	94882	1	8	0.0	44.0	2.4
data7-10-66-12191.txt	10	7	66	54	11.0	54	54.0	43560	95364	1	1	0.0	52.0	4.3
data7-10-66-12192.txt	10	7	66	61	11.7	61	61.0	43560	95304	0	0	0.0	60.5	9.2
data7-10-66-12193.txt	10	7	66	61	2060.1	63	61.0	43560	96220	3191	273	0.2	56.5	7.8
data7-10-66-12194.txt	10	7	66	50	25.0	50	50.0	43560	95021	1	19	0.0	48.0	3.1
data7-10-66-12195.txt	10	7	66	61	1296.7	61	61.0	43560	95858	9800	368	0.3	51.7	2.9
data7-10-66-12196.txt	10	7	66	57	3601.7	58	56.0	43560	96109	9910	196	0.2	48.3	4.8
data7-10-66-12197.txt	10	7	66	64	1448.1	64	64.0	43560	95664	1939	27	0.0	59.0	12.8
data7-10-66-12198.txt	10	7	66	47	8.5	48	47.0	43560	94577	89	94	0.1	47.0	2.2
data7-10-66-12199.txt	10	7	66	59	10.9	59	59.0	43560	95141	1	53	0.0	56.0	2.3
data7-10-66-12200.txt	10	7	66	52	16.6	52	52.0	43560	95007	1	0	0.0	50.2	5.8
data7-10-67-12201.txt	10	7	67	64	2136.2	65	64.0	44890	98609	13537	515	0.5	52.5	3.9
data7-10-67-12202.txt	10	7	67	61	19.5	61	61.0	44890	98468	0	0	0.0	60.5	9.7
data7-10-67-12203.txt	10	7	67	58	3212.7	58	58.0	44890	98731	94664	224	0.3	53.3	4.4
data7-10-67-12204.txt	10	7	67	48	45.4	48	48.0	44890	98172	1	0	0.0	45.0	3.7
data7-10-67-12205.txt	10	7	67	53	18.0	53	53.0	44890	97544	43	100	0.1	52.0	5.8
data7-10-67-12206.txt	10	7	67	65	1757.4	66	65.0	44890	98300	4259	118	0.1	61.5	4.4
data7-10-67-12207.txt	10	7	67	56	6.6	56	56.0	44890	97771	0	0	0.0	56.0	2.6
data7-10-67-12208.txt	10	7	67	59	19.7	59	59.0	44890	98293	1	2	0.0	57.0	7.1
data7-10-67-12209.txt	10	7	67	56	289.9	56	56.0	44890	98598	1102	63	0.1	52.5	5.8
data7-10-67-12210.txt	10	7	67	75	3602.0	75	74.0	44890	98705	11223	746	0.6	65.8	9.3
data7-10-67-12211.txt	10	7	67	67	3601.8	67	65.0	44890	98974	7057	356	0.4	59.4	16.2
data7-10-67-12212.txt	10	7	67	54	12.3	54	54.0	44890	98115	0	0	0.0	53.5	7.0
data7-10-67-12213.txt	10	7	67	59	1671.2	60	59.0	44890	98302	2298	219	0.2	54.0	6.9
data7-10-67-12214.txt	10	7	67	47	193.2	48	47.0	44890	97539	1231	98	0.1	44.2	2.7
data7-10-67-12215.txt	10	7	67	60	224.0	60	60.0	44890	98080	1059	51	0.0	56.5	6.8
data7-10-67-12216.txt	10	7	67	58	364.9	59	58.0	44890	98093	3248	13	0.0	53.8	6.1
data7-10-67-12217.txt	10	7	67	61	201.2	61	61.0	44890	98766	865	17	0.0	55.0	7.2
data7-10-67-12218.txt	10	7	67	60	450.3	61	60.0	44890	98603	1617	205	0.2	56.2	6.4
data7-10-67-12219.txt	10	7	67	47	10.4	47	47.0	44890	97712	1	13	0.0	45.3	2.4
data7-10-67-12220.txt	10	7	67	66	501.7	67	66.0	44890	98438	1678	118	0.1	64.5	13.4
data7-10-67-12221.txt	10	7	67	67	3601.7	67	66.0	44890	98659	38139	454	0.3	56.9	3.6
data7-10-67-12222.txt	10	7	67	51	7.0	51	51.0	44890	97228	0	0	0.0	51.0	2.1
data7-10-67-12223.txt	10	7	67	49	12.6	49	49.0	44890	98337	1	17	0.0	48.0	3.5
data7-10-67-12224.txt	10	7	67	64	618.8	64	64.0	44890	98935	738	1	0.0	58.5	15.2
data7-10-67-12225.txt	10	7	67	54	45.0	54	54.0	44890	98491	78	65	0.1	51.0	5.4
data7-10-67-12226.txt	10	7	67	60	300.8	60	60.0	44890	99323	1118	35	0.0	56.0	8.8
data7-10-67-12227.txt	10	7	67	61	19.4	61	61.0	44890	98587	0	0	0.0	61.0	13.0
data7-10-67-12228.txt	10	7	67	60	40.9	60	60.0	44890	98240	121	47	0.1	55.8	4.8
data7-10-67-12229.txt	10	7	67	60	2533.9	60	60.0	44890	98694	12916	72	0.1	56.0	4.5
data7-10-67-12230.txt	10	7	67	57	19.7	57	57.0	44890	98510	5	50	0.1	55.5	7.0
data7-10-67-12231.txt	10	7	67	65	92.1	66	65.0	44890	98962	287	135	0.1	60.5	9.0
data7-10-67-12232.txt	10	7	67	49	8.8	49	49.0	44890	98479	1	6	0.0	46.7	1.9
data7-10-67-12233.txt	10	7	67	68	591.7	68	68.0	44890	99589	1820	48	0.1	63.4	15.2
data7-10-67-12234.txt	10	7	67	66	264.0	67	66.0	44890	98540	670	175	0.2	61.7	7.0
data7-10-67-12235.txt	10	7	67	64	366.5	65	64.0	44890	99611	1159	182	0.2	57.5	15.1
data7-10-67-12236.txt	10	7	67	59	3601.9	59	58.0	44890	98726	18276	379	0.3	55.0	4.2
data7-10-67-12237.txt	10	7	67	54	19.1	54	54.0	44890	97801	1	0	0.0	49.5	3.8
data7-10-67-12238.txt	10	7	67	54	34.7	55	54.0	44890	98057	487	85	0.1	53.0	4.9
data7-10-67-12239.txt	10	7	67	69	3601.5	69	68.0	44890	98863	34669	464	0.3	60.9	6.0
data7-10-67-12240.txt	10	7	67	52	8.5	52	52.0	44890	97749	0	1	0.0	51.0	2.4
data7-10-67-12241.txt	10	7	67	52	16.9	52	52.0	44890	97762	287	59	0.0	50.0	3.8
data7-10-67-12242.txt	10	7	67	58	169.8	58	58.0	44890	98348	1122	15	0.0	53.5	4.1
data7-10-67-12243.txt	10	7	67	57	441.4	57	57.0	44890	98462	720	35	0.0	54.5	4.2
data7-10-67-12244.txt	10	7	67	59	3601.7	59	56.0	44890	98465	5582	0	0.0	53.5	12.8
data7-10-67-12245.txt	10	7	67	57	554.3	57	57.0	44890	98678	7532	104	0.1	53.2	6.2

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-67-12246.txt	10	7	67	63	182.0	63	63.0	44890	98916	572	14	0.0	58.0	6.3
data7-10-67-12247.txt	10	7	67	61	30.6	61	61.0	44890	98704	12	46	0.0	59.0	8.7
data7-10-67-12248.txt	10	7	67	68	3601.6	68	67.0	44890	99483	13511	44	0.0	59.3	13.1
data7-10-67-12249.txt	10	7	67	54	164.8	54	54.0	44890	98078	713	7	0.0	49.0	3.1
data7-10-67-12250.txt	10	7	67	47	17.9	47	47.0	44890	97487	3	18	0.0	44.5	2.2
data7-10-67-12251.txt	10	7	67	54	40.4	54	54.0	44890	97725	575	33	0.0	52.0	4.6
data7-10-67-12252.txt	10	7	67	64	2839.4	64	64.0	44890	98622	14572	455	0.5	58.2	13.6
data7-10-67-12253.txt	10	7	67	64	9.4	64	64.0	44890	98837	0	0	0.0	63.5	4.4
data7-10-67-12254.txt	10	7	67	57	276.5	58	57.0	44890	98309	641	64	0.1	53.5	6.4
data7-10-67-12255.txt	10	7	67	57	239.5	57	57.0	44890	98071	1166	0	0.0	53.5	4.5
data7-10-67-12256.txt	10	7	67	58	12.6	58	58.0	44890	98522	1	1	0.0	56.0	2.3
data7-10-67-12257.txt	10	7	67	54	1078.4	55	54.0	44890	98618	6631	344	0.3	52.0	8.0
data7-10-67-12258.txt	10	7	67	63	3243.9	63	63.0	44890	99272	33095	366	0.4	58.0	10.0
data7-10-67-12259.txt	10	7	67	62	940.0	63	62.0	44890	99212	2379	325	0.3	59.0	3.4
data7-10-67-12260.txt	10	7	67	62	3601.9	62	61.0	44890	98374	10281	259	0.2	56.0	6.2
data7-10-67-12261.txt	10	7	67	65	731.5	65	65.0	44890	98713	1312	68	0.1	60.0	8.5
data7-10-67-12262.txt	10	7	67	66	1750.2	66	66.0	44890	98751	5572	75	0.1	57.5	4.7
data7-10-67-12263.txt	10	7	67	51	6.6	51	51.0	44890	97794	1	5	0.0	49.0	2.7
data7-10-67-12264.txt	10	7	67	60	3601.8	60	57.0	44890	98275	12312	512	0.4	53.5	3.9
data7-10-67-12265.txt	10	7	67	56	844.4	56	56.0	44890	97814	5458	3	0.0	50.6	2.2
data7-10-67-12266.txt	10	7	67	59	519.7	60	59.0	44890	98321	1624	79	0.1	53.2	6.4
data7-10-67-12267.txt	10	7	67	54	610.7	56	54.0	44890	98787	637	85	0.1	50.5	7.8
data7-10-67-12268.txt	10	7	67	66	414.4	66	66.0	44890	99131	16322	186	0.3	61.5	11.9
data7-10-67-12269.txt	10	7	67	60	248.1	60	60.0	44890	98940	1040	95	0.1	56.2	4.9
data7-10-67-12270.txt	10	7	67	62	337.2	62	62.0	44890	98537	614	6	0.0	58.0	9.4
data7-10-67-12271.txt	10	7	67	71	194.9	71	71.0	44890	98980	1157	167	0.1	63.0	5.8
data7-10-67-12272.txt	10	7	67	63	190.6	63	63.0	44890	98329	587	57	0.1	61.0	8.6
data7-10-67-12273.txt	10	7	67	63	3601.8	63	62.0	44890	98605	21753	250	0.3	59.0	11.5
data7-10-67-12274.txt	10	7	67	50	14.5	50	50.0	44890	97728	1	3	0.0	46.5	2.0
data7-10-67-12275.txt	10	7	67	58	975.0	59	58.0	44890	98056	2255	214	0.2	53.5	7.1
data7-10-67-12276.txt	10	7	67	57	323.4	59	57.0	44890	98850	1050	115	0.1	53.7	6.3
data7-10-67-12277.txt	10	7	67	66	310.2	67	66.0	44890	98357	1678	444	0.6	63.0	3.4
data7-10-67-12278.txt	10	7	67	44	5.0	44	44.0	44890	97994	0	0	0.0	44.0	1.9
data7-10-67-12279.txt	10	7	67	52	39.9	54	52.0	44890	98516	25	79	0.1	49.5	7.1
data7-10-67-12280.txt	10	7	67	60	3300.0	60	60.0	44890	98511	17387	12	0.0	57.0	7.5
data7-10-67-12281.txt	10	7	67	55	14.4	56	55.0	44890	98171	111	118	0.1	55.0	2.9
data7-10-67-12282.txt	10	7	67	66	3228.2	67	66.0	44890	98720	13311	510	0.5	63.8	9.3
data7-10-67-12283.txt	10	7	67	61	17.6	61	61.0	44890	98600	1	3	0.0	58.5	4.4
data7-10-67-12284.txt	10	7	67	58	362.1	58	58.0	44890	98448	1037	2	0.0	51.0	2.9
data7-10-67-12285.txt	10	7	67	57	972.6	57	57.0	44890	98272	4896	87	0.1	53.0	9.8
data7-10-67-12286.txt	10	7	67	63	833.6	63	63.0	44890	98193	5520	84	0.1	55.1	4.9
data7-10-67-12287.txt	10	7	67	59	19.4	59	59.0	44890	97743	5	14	0.0	58.0	4.3
data7-10-67-12288.txt	10	7	67	65	991.8	66	65.0	44890	98778	1159	148	0.1	56.2	10.2
data7-10-67-12289.txt	10	7	67	55	83.6	55	55.0	44890	98183	950	100	0.1	51.5	5.6
data7-10-67-12290.txt	10	7	67	56	291.5	56	56.0	44890	98017	1307	115	0.1	49.0	4.2
data7-10-67-12291.txt	10	7	67	58	808.1	59	58.0	44890	98215	2040	45	0.0	49.5	5.5
data7-10-67-12292.txt	10	7	67	63	2581.5	63	63.0	44890	98749	11518	4	0.0	57.2	8.2
data7-10-67-12293.txt	10	7	67	65	1061.0	65	65.0	44890	98376	8184	51	0.0	59.7	5.3
data7-10-67-12294.txt	10	7	67	62	321.1	62	62.0	44890	98217	2772	233	0.1	58.0	9.5
data7-10-67-12295.txt	10	7	67	59	3601.8	59	57.0	44890	99004	9666	228	0.3	52.2	8.0
data7-10-67-12296.txt	10	7	67	59	344.9	59	59.0	44890	98893	1516	52	0.1	55.2	8.6
data7-10-67-12297.txt	10	7	67	59	19.0	59	59.0	44890	98590	1	6	0.0	56.0	4.3
data7-10-67-12298.txt	10	7	67	55	503.8	56	55.0	44890	98538	844	137	0.1	52.5	6.1
data7-10-67-12299.txt	10	7	67	61	3601.9	61	58.0	44890	98086	7874	184	0.2	54.5	6.3
data7-10-67-12300.txt	10	7	67	58	823.8	58	58.0	44890	99169	2040	63	0.1	51.5	11.9
data7-10-68-12301.txt	10	7	68	68	1652.0	68	68.0	46240	101353	7125	119	0.1	63.0	5.1
data7-10-68-12302.txt	10	7	68	68	1093.8	69	68.0	46240	101263	1343	135	0.1	63.0	16.7
data7-10-68-12303.txt	10	7	68	51	157.2	51	51.0	46240	101260	1576	113	0.1	48.0	3.5
data7-10-68-12304.txt	10	7	68	57	1289.6	57	57.0	46240	101578	6016	93	0.1	51.0	3.0
data7-10-68-12305.txt	10	7	68	53	297.0	54	53.0	46240	100649	1211	195	0.2	49.8	2.9
data7-10-68-12306.txt	10	7	68	59	600.2	59	59.0	46240	101927	864	38	0.1	56.0	5.2
data7-10-68-12307.txt	10	7	68	57	501.4	58	57.0	46240	101137	1653	76	0.1	55.5	3.9
data7-10-68-12308.txt	10	7	68	51	14.4	51	51.0	46240	100987	0	0	0.0	50.0	2.8
data7-10-68-12309.txt	10	7	68	51	121.1	51	51.0	46240	100762	829	6	0.0	48.0	3.6
data7-10-68-12310.txt	10	7	68	58	18.7	58	58.0	46240	101416	517	160	0.1	53.0	10.0
data7-10-68-12311.txt	10	7	68	54	8.7	54	54.0	46240	101197	0	0	0.0	53.0	4.5
data7-10-68-12312.txt	10	7	68	67	360.4	67	67.0	46240	102147	1911	91	0.1	61.3	13.2
data7-10-68-12313.txt	10	7	68	60	24.8	60	60.0	46240	101301	23	64	0.1	59.0	8.6
data7-10-68-12314.txt	10	7	68	64	290.6	64	64.0	46240	101110	733	24	0.0	62.0	8.9
data7-10-68-12315.txt	10	7	68	55	210.0	56	55.0	46240	100419	1705	68	0.1	49.0	2.7

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-68-12316.txt	10	7	68	63	601.2	64	63.0	46240	101464	3434	188	0.2	58.5	12.6
data7-10-68-12317.txt	10	7	68	55	16.2	55	55.0	46240	100781	1	10	0.0	53.3	4.3
data7-10-68-12318.txt	10	7	68	60	831.8	60	60.0	46240	101480	12258	51	0.1	56.2	5.9
data7-10-68-12319.txt	10	7	68	65	45.4	65	65.0	46240	102286	1	2	0.0	60.5	15.2
data7-10-68-12320.txt	10	7	68	55	17.2	55	55.0	46240	101103	1	5	0.0	53.5	2.6
data7-10-68-12321.txt	10	7	68	53	11.6	53	53.0	46240	101153	0	0	0.0	53.0	4.3
data7-10-68-12322.txt	10	7	68	70	603.2	70	70.0	46240	100991	4866	386	0.3	63.5	13.0
data7-10-68-12323.txt	10	7	68	66	3602.0	67	65.0	46240	101962	11492	479	0.4	59.5	9.4
data7-10-68-12324.txt	10	7	68	60	846.4	60	60.0	46240	101656	2349	10	0.0	53.0	6.4
data7-10-68-12325.txt	10	7	68	51	229.7	51	51.0	46240	100971	1315	27	0.0	49.0	3.2
data7-10-68-12326.txt	10	7	68	65	16.2	65	65.0	46240	101018	1	37	0.0	63.5	5.4
data7-10-68-12327.txt	10	7	68	59	146.0	60	59.0	46240	101132	1285	10	0.0	55.2	4.0
data7-10-68-12328.txt	10	7	68	53	26.2	54	53.0	46240	100977	13	59	0.1	52.0	4.0
data7-10-68-12329.txt	10	7	68	58	24.8	59	58.0	46240	100934	1	83	0.1	56.0	6.1
data7-10-68-12330.txt	10	7	68	53	85.8	53	53.0	46240	100499	1109	26	0.0	49.0	3.7
data7-10-68-12331.txt	10	7	68	53	494.5	53	53.0	46240	101300	3046	10	0.0	47.0	5.0
data7-10-68-12332.txt	10	7	68	63	778.0	63	63.0	46240	101375	2339	45	0.0	60.0	5.9
data7-10-68-12333.txt	10	7	68	65	1753.3	65	65.0	46240	101197	10458	49	0.0	55.0	7.0
data7-10-68-12334.txt	10	7	68	59	938.9	60	59.0	46240	101956	2608	125	0.1	52.2	7.5
data7-10-68-12335.txt	10	7	68	58	13.7	58	58.0	46240	101284	1	14	0.0	57.0	4.7
data7-10-68-12336.txt	10	7	68	63	252.1	63	63.0	46240	101991	632	36	0.0	60.0	6.0
data7-10-68-12337.txt	10	7	68	52	174.9	52	52.0	46240	100973	1119	49	0.1	48.0	4.1
data7-10-68-12338.txt	10	7	68	70	1145.3	70	70.0	46240	101905	2752	155	0.1	63.6	13.9
data7-10-68-12339.txt	10	7	68	58	1185.6	59	58.0	46240	101050	5101	206	0.2	53.0	2.5
data7-10-68-12340.txt	10	7	68	51	7.6	51	51.0	46240	100349	0	0	0.0	50.0	2.0
data7-10-68-12341.txt	10	7	68	58	615.5	60	58.0	46240	101730	1159	191	0.2	55.0	3.6
data7-10-68-12342.txt	10	7	68	57	3601.6	57	56.0	46240	101256	22581	417	0.4	51.8	3.5
data7-10-68-12343.txt	10	7	68	61	626.3	61	61.0	46240	101755	1782	142	0.1	54.4	6.0
data7-10-68-12344.txt	10	7	68	58	40.1	58	58.0	46240	100413	306	50	0.0	55.5	3.4
data7-10-68-12345.txt	10	7	68	70	3601.7	70	69.0	46240	101908	8979	244	0.2	62.0	25.1
data7-10-68-12346.txt	10	7	68	52	11.7	52	52.0	46240	101063	1	19	0.0	50.0	2.6
data7-10-68-12347.txt	10	7	68	65	1428.7	66	65.0	46240	101063	1854	266	0.3	62.0	9.7
data7-10-68-12348.txt	10	7	68	64	295.1	64	64.0	46240	100756	1471	132	0.1	60.5	4.8
data7-10-68-12349.txt	10	7	68	60	279.8	61	60.0	46240	101695	1204	135	0.1	56.5	6.1
data7-10-68-12350.txt	10	7	68	57	115.0	57	57.0	46240	101215	1100	9	0.0	54.0	5.2
data7-10-68-12351.txt	10	7	68	59	21.8	59	59.0	46240	101491	0	0	0.0	59.0	13.1
data7-10-68-12352.txt	10	7	68	66	440.3	66	66.0	46240	100978	1049	138	0.1	62.2	3.0
data7-10-68-12353.txt	10	7	68	62	1504.8	62	62.0	46240	102014	5943	17	0.0	57.7	4.8
data7-10-68-12354.txt	10	7	68	63	482.2	64	63.0	46240	102060	810	139	0.2	58.0	20.7
data7-10-68-12355.txt	10	7	68	65	2078.5	66	65.0	46240	101695	10507	413	0.3	61.7	7.4
data7-10-68-12356.txt	10	7	68	57	35.0	57	57.0	46240	100919	549	69	0.1	56.0	7.1
data7-10-68-12357.txt	10	7	68	61	49.4	61	61.0	46240	102313	1	0	0.0	59.0	9.2
data7-10-68-12358.txt	10	7	68	56	302.3	56	56.0	46240	101139	2017	166	0.2	51.0	3.3
data7-10-68-12359.txt	10	7	68	57	318.2	57	57.0	46240	101012	1646	79	0.1	51.7	4.2
data7-10-68-12360.txt	10	7	68	61	206.7	61	61.0	46240	101609	1237	134	0.1	52.3	2.1
data7-10-68-12361.txt	10	7	68	66	633.7	66	66.0	46240	101416	1655	38	0.0	58.7	10.3
data7-10-68-12362.txt	10	7	68	63	206.1	63	63.0	46240	102081	1581	31	0.0	59.0	10.1
data7-10-68-12363.txt	10	7	68	66	286.6	69	66.0	46240	101270	404	258	0.3	62.0	9.8
data7-10-68-12364.txt	10	7	68	55	15.3	55	55.0	46240	100958	1	6	0.0	53.2	8.2
data7-10-68-12365.txt	10	7	68	57	279.4	57	57.0	46240	100880	631	2	0.0	52.5	4.0
data7-10-68-12366.txt	10	7	68	57	14.9	57	57.0	46240	100926	0	0	0.0	55.5	7.9
data7-10-68-12367.txt	10	7	68	60	3601.8	60	58.0	46240	100837	9947	146	0.1	52.5	5.2
data7-10-68-12368.txt	10	7	68	67	156.1	68	67.0	46240	101788	575	190	0.2	65.0	4.0
data7-10-68-12369.txt	10	7	68	52	198.4	53	52.0	46240	101218	1138	79	0.1	48.5	3.5
data7-10-68-12370.txt	10	7	68	58	180.0	58	58.0	46240	100734	1494	44	0.0	52.3	2.8
data7-10-68-12371.txt	10	7	68	61	1095.6	62	61.0	46240	101388	1692	306	0.2	59.0	9.2
data7-10-68-12372.txt	10	7	68	65	2181.1	66	65.0	46240	101813	3048	83	0.1	57.5	6.4
data7-10-68-12373.txt	10	7	68	61	3601.7	61	58.0	46240	101923	13216	149	0.2	57.0	11.2
data7-10-68-12374.txt	10	7	68	65	605.6	65	65.0	46240	101266	813	99	0.1	58.8	6.1
data7-10-68-12375.txt	10	7	68	53	20.3	53	53.0	46240	101040	11	22	0.0	48.7	3.8
data7-10-68-12376.txt	10	7	68	57	2393.7	58	57.0	46240	101483	3622	202	0.2	49.7	6.3
data7-10-68-12377.txt	10	7	68	58	24.0	58	58.0	46240	102060	1	1	0.0	52.5	4.7
data7-10-68-12378.txt	10	7	68	51	29.3	51	51.0	46240	100889	46	0	0.0	47.7	2.8
data7-10-68-12379.txt	10	7	68	61	20.3	61	61.0	46240	101662	0	0	0.0	60.2	12.8
data7-10-68-12380.txt	10	7	68	58	1561.1	58	58.0	46240	101208	6336	27	0.0	48.9	4.8
data7-10-68-12381.txt	10	7	68	57	37.3	58	57.0	46240	100991	58	48	0.0	56.0	11.1
data7-10-68-12382.txt	10	7	68	59	682.3	59	59.0	46240	101504	1171	139	0.1	57.0	13.4
data7-10-68-12383.txt	10	7	68	70	3601.9	70	68.0	46240	101698	6581	16	0.0	61.3	14.0
data7-10-68-12384.txt	10	7	68	51	19.5	51	51.0	46240	101267	1	0	0.0	48.8	4.4
data7-10-68-12385.txt	10	7	68	66	2788.9	67	66.0	46240	101904	20886	896	1.1	60.5	4.1

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-68-12386.txt	10	7	68	57	37.4	59	57.0	46240	101223	64	44	0.0	55.0	3.8
data7-10-68-12387.txt	10	7	68	59	233.9	59	59.0	46240	101566	1096	7	0.0	56.0	6.0
data7-10-68-12388.txt	10	7	68	64	597.7	64	64.0	46240	101840	4285	124	0.1	60.3	8.0
data7-10-68-12389.txt	10	7	68	53	3601.9	53	51.0	46240	100222	46075	72	0.1	48.0	4.3
data7-10-68-12390.txt	10	7	68	58	20.7	58	58.0	46240	101184	1	1	0.0	54.5	5.5
data7-10-68-12391.txt	10	7	68	62	42.5	62	62.0	46240	101142	1	1	0.0	57.8	7.4
data7-10-68-12392.txt	10	7	68	59	15.2	59	59.0	46240	101284	0	0	0.0	59.0	7.9
data7-10-68-12393.txt	10	7	68	64	16.8	64	64.0	46240	101253	0	8	0.0	63.0	5.6
data7-10-68-12394.txt	10	7	68	54	2452.7	55	54.0	46240	100549	11471	235	0.3	51.0	5.9
data7-10-68-12395.txt	10	7	68	62	354.6	62	62.0	46240	101420	3462	3	0.0	56.3	4.6
data7-10-68-12396.txt	10	7	68	66	322.1	66	66.0	46240	101491	1096	25	0.0	59.0	5.4
data7-10-68-12397.txt	10	7	68	60	1955.6	60	60.0	46240	101671	4923	190	0.2	54.0	9.0
data7-10-68-12398.txt	10	7	68	64	608.0	64	64.0	46240	101630	2730	171	0.1	60.0	7.2
data7-10-68-12399.txt	10	7	68	57	6.8	57	57.0	46240	101092	1	23	0.0	55.0	3.1
data7-10-68-12400.txt	10	7	68	58	34.0	58	58.0	46240	101178	3	8	0.0	55.5	7.3
data7-10-69-12401.txt	10	7	69	54	17.9	54	54.0	47610	104201	177	42	0.0	51.5	2.7
data7-10-69-12402.txt	10	7	69	59	2524.7	60	59.0	47610	103909	9161	314	0.3	56.0	7.3
data7-10-69-12403.txt	10	7	69	62	286.7	62	62.0	47610	104378	992	0	0.0	59.0	9.2
data7-10-69-12404.txt	10	7	69	59	614.0	59	59.0	47610	104454	5235	80	0.1	56.0	2.8
data7-10-69-12405.txt	10	7	69	69	689.5	69	69.0	47610	104572	2280	177	0.2	62.8	5.1
data7-10-69-12406.txt	10	7	69	69	561.9	69	69.0	47610	104880	2322	308	0.4	64.5	8.1
data7-10-69-12407.txt	10	7	69	70	3601.9	70	65.0	47610	104839	4192	103	0.1	55.5	8.3
data7-10-69-12408.txt	10	7	69	71	470.0	72	71.0	47610	104563	2601	279	0.3	70.0	9.1
data7-10-69-12409.txt	10	7	69	55	10.0	55	55.0	47610	103629	0	0	0.0	54.5	4.3
data7-10-69-12410.txt	10	7	69	59	21.1	59	59.0	47610	104162	1	38	0.0	57.0	7.3
data7-10-69-12411.txt	10	7	69	53	309.9	53	53.0	47610	104582	1223	109	0.1	47.7	5.2
data7-10-69-12412.txt	10	7	69	61	192.7	62	61.0	47610	104417	690	78	0.1	57.0	5.3
data7-10-69-12413.txt	10	7	69	64	40.4	64	64.0	47610	104113	5317	204	0.2	61.0	4.6
data7-10-69-12414.txt	10	7	69	59	21.6	59	59.0	47610	104257	128	71	0.1	56.5	6.2
data7-10-69-12415.txt	10	7	69	43	40.4	45	43.0	47610	103318	1039	104	0.1	40.5	2.2
data7-10-69-12416.txt	10	7	69	58	439.2	58	58.0	47610	104085	2189	130	0.1	53.5	5.2
data7-10-69-12417.txt	10	7	69	55	751.5	56	55.0	47610	104935	1016	162	0.2	51.0	7.4
data7-10-69-12418.txt	10	7	69	72	3250.2	72	72.0	47610	104551	13773	218	0.2	65.5	13.9
data7-10-69-12419.txt	10	7	69	70	2359.7	71	70.0	47610	104674	2794	448	0.5	65.2	12.4
data7-10-69-12420.txt	10	7	69	57	435.9	57	57.0	47610	104155	5049	201	0.2	51.5	3.8
data7-10-69-12421.txt	10	7	69	59	318.1	60	59.0	47610	103632	1249	171	0.2	55.5	3.1
data7-10-69-12422.txt	10	7	69	64	33.8	64	64.0	47610	104900	0	0	0.0	63.0	19.4
data7-10-69-12423.txt	10	7	69	67	773.1	67	67.0	47610	104363	4818	28	0.0	59.5	6.1
data7-10-69-12424.txt	10	7	69	53	36.1	53	53.0	47610	104349	1	0	0.0	50.5	3.8
data7-10-69-12425.txt	10	7	69	57	27.1	57	57.0	47610	103479	436	8	0.0	54.2	4.5
data7-10-69-12426.txt	10	7	69	64	233.9	64	64.0	47610	104148	1067	17	0.0	61.1	5.9
data7-10-69-12427.txt	10	7	69	68	3601.9	68	62.0	47610	104556	4498	8	0.0	60.0	23.3
data7-10-69-12428.txt	10	7	69	58	153.8	58	58.0	47610	104329	735	5	0.0	52.4	4.6
data7-10-69-12429.txt	10	7	69	63	1876.3	63	63.0	47610	104404	4565	223	0.2	58.5	7.1
data7-10-69-12430.txt	10	7	69	59	28.4	59	59.0	47610	104688	1	6	0.0	55.5	7.0
data7-10-69-12431.txt	10	7	69	60	65.1	61	60.0	47610	103782	573	189	0.2	55.7	3.1
data7-10-69-12432.txt	10	7	69	64	967.5	64	64.0	47610	104359	1717	115	0.1	59.5	11.6
data7-10-69-12433.txt	10	7	69	71	3602.1	71	69.0	47610	104790	16007	148	0.1	64.0	7.9
data7-10-69-12434.txt	10	7	69	57	3271.9	57	57.0	47610	104299	16534	107	0.1	52.8	5.1
data7-10-69-12435.txt	10	7	69	55	35.1	55	55.0	47610	104158	101	101	0.1	52.5	4.2
data7-10-69-12436.txt	10	7	69	59	678.8	60	59.0	47610	104056	1996	251	0.3	56.0	3.9
data7-10-69-12437.txt	10	7	69	67	1379.1	68	67.0	47610	104680	4125	491	0.5	64.5	13.8
data7-10-69-12438.txt	10	7	69	56	464.1	56	56.0	47610	103711	3296	222	0.2	51.5	3.1
data7-10-69-12439.txt	10	7	69	65	2349.2	65	65.0	47610	104354	14180	220	0.2	56.2	6.2
data7-10-69-12440.txt	10	7	69	64	470.3	64	64.0	47610	104975	1854	199	0.2	57.8	12.0
data7-10-69-12441.txt	10	7	69	61	7.7	61	61.0	47610	103556	1	2	0.0	60.0	1.9
data7-10-69-12442.txt	10	7	69	57	37.4	57	57.0	47610	104366	17	10	0.0	54.5	5.3
data7-10-69-12443.txt	10	7	69	59	148.2	60	59.0	47610	104066	737	355	0.3	56.5	3.7
data7-10-69-12444.txt	10	7	69	61	12.5	61	61.0	47610	104578	0	0	0.0	59.8	6.6
data7-10-69-12445.txt	10	7	69	63	3601.9	64	62.0	47610	105147	5945	185	0.2	55.0	9.9
data7-10-69-12446.txt	10	7	69	65	998.3	65	65.0	47610	105209	3405	80	0.1	63.0	17.9
data7-10-69-12447.txt	10	7	69	62	43.5	62	62.0	47610	104521	1	16	0.0	60.0	13.8
data7-10-69-12448.txt	10	7	69	65	36.0	65	65.0	47610	104353	290	45	0.0	60.2	4.9
data7-10-69-12449.txt	10	7	69	64	3601.2	64	63.0	47610	105142	6185	14	0.0	56.0	13.6
data7-10-69-12450.txt	10	7	69	57	763.1	57	57.0	47610	103977	1892	189	0.1	53.0	3.8
data7-10-69-12451.txt	10	7	69	61	30.6	61	61.0	47610	104435	2	36	0.1	60.0	9.2
data7-10-69-12452.txt	10	7	69	62	1227.6	62	62.0	47610	104410	6714	148	0.1	55.0	3.1
data7-10-69-12453.txt	10	7	69	70	1318.7	70	70.0	47610	105153	6956	164	0.2	65.0	9.6
data7-10-69-12454.txt	10	7	69	78	469.3	78	78.0	47610	105022	1546	237	0.2	68.7	5.0
data7-10-69-12455.txt	10	7	69	57	329.6	57	57.0	47610	103755	1694	152	0.2	52.5	2.4

Name	w	h	n	Opt	Time	Ub	Lb	Var	Cons	Nodes	Cuts	T_C	Lp	T_{lp}
data7-10-69-12456.txt	10	7	69	59	8.8	59	59.0	47610	104585	0	0	0.0	59.0	10.0
data7-10-69-12457.txt	10	7	69	66	3601.9	66	65.0	47610	103882	6639	268	0.3	59.0	13.3
data7-10-69-12458.txt	10	7	69	67	358.4	67	67.0	47610	104752	1650	79	0.1	60.0	5.5
data7-10-69-12459.txt	10	7	69	55	16.1	55	55.0	47610	104086	1	4	0.0	53.0	3.7
data7-10-69-12460.txt	10	7	69	53	10.0	53	53.0	47610	103939	0	3	0.0	52.0	3.3
data7-10-69-12461.txt	10	7	69	66	721.8	67	66.0	47610	104660	2928	172	0.2	60.1	11.1
data7-10-69-12462.txt	10	7	69	64	142.6	64	64.0	47610	105046	1505	107	0.1	61.0	11.9
data7-10-69-12463.txt	10	7	69	68	3601.8	69	66.0	47610	104162	18572	647	0.6	62.5	5.3
data7-10-69-12464.txt	10	7	69	53	183.2	53	53.0	47610	103919	1234	15	0.0	50.0	6.6
data7-10-69-12465.txt	10	7	69	53	1369.8	53	53.0	47610	103594	8737	335	0.4	48.2	2.4
data7-10-69-12471.txt	10	7	69	52	71.2	53	52.0	47610	103651	196	68	0.1	49.5	3.3
data7-10-69-12467.txt	10	7	69	63	42.9	63	63.0	47610	104183	557	47	0.0	59.4	9.3
data7-10-69-12468.txt	10	7	69	64	1240.2	67	64.0	47610	104724	3060	312	0.3	58.0	3.9
data7-10-69-12469.txt	10	7	69	56	14.5	56	56.0	47610	104030	0	0	0.0	56.0	4.8
data7-10-69-12470.txt	10	7	69	69	152.9	69	69.0	47610	104341	607	30	0.0	62.9	6.0
data7-10-69-12471.txt	10	7	69	70	16.6	70	70.0	47610	104627	1	9	0.0	68.5	8.1
data7-10-69-12472.txt	10	7	69	55	9.2	55	55.0	47610	103866	1	66	0.1	54.0	2.6
data7-10-69-12473.txt	10	7	69	70	622.1	70	70.0	47610	105003	1980	130	0.1	64.4	3.5
data7-10-69-12474.txt	10	7	69	55	112.0	55	55.0	47610	104544	2229	2	0.0	50.0	3.8
data7-10-69-12475.txt	10	7	69	65	1818.2	65	65.0	47610	104574	3024	30	0.0	59.5	7.1
data7-10-69-12476.txt	10	7	69	51	16.4	51	51.0	47610	103888	1	2	0.0	48.0	2.8
data7-10-69-12477.txt	10	7	69	65	23.7	65	65.0	47610	104052	66	88	0.1	64.0	12.0
data7-10-69-12478.txt	10	7	69	62	611.3	62	62.0	47610	104490	5757	142	0.1	55.5	7.0
data7-10-69-12479.txt	10	7	69	72	2187.7	73	72.0	47610	104580	13152	530	0.5	64.0	11.1
data7-10-69-12480.txt	10	7	69	59	433.2	59	59.0	47610	104361	9165	238	0.2	53.0	5.0
data7-10-69-12481.txt	10	7	69	61	3601.1	61	60.0	47610	104812	16674	461	0.4	55.1	6.1
data7-10-69-12482.txt	10	7	69	66	439.9	66	66.0	47610	105010	1893	1	0.0	60.0	5.8
data7-10-69-12483.txt	10	7	69	53	747.5	54	53.0	47610	104602	5156	108	0.1	48.5	4.2
data7-10-69-12484.txt	10	7	69	64	18.2	64	64.0	47610	103855	0	0	0.0	63.5	8.3
data7-10-69-12485.txt	10	7	69	64	365.9	64	64.0	47610	104788	1846	54	0.0	59.4	8.6
data7-10-69-12486.txt	10	7	69	54	647.8	56	54.0	47610	104077	2021	238	0.3	51.8	2.4
data7-10-69-12487.txt	10	7	69	72	342.1	72	72.0	47610	105136	1118	184	0.2	68.5	9.1
data7-10-69-12488.txt	10	7	69	62	3602.0	62	61.0	47610	104655	22403	358	0.3	55.2	6.4
data7-10-69-12489.txt	10	7	69	61	874.8	62	61.0	47610	103873	4896	315	0.3	56.5	2.5
data7-10-69-12490.txt	10	7	69	72	2538.3	72	72.0	47610	104800	14875	208	0.2	64.8	7.2
data7-10-69-12491.txt	10	7	69	73	419.6	73	73.0	47610	104361	1232	40	0.0	67.8	10.6
data7-10-69-12492.txt	10	7	69	59	1709.2	59	59.0	47610	103799	10748	100	0.1	54.5	3.1
data7-10-69-12493.txt	10	7	69	64	3601.7	64	63.0	47610	105012	13556	93	0.1	59.5	10.2
data7-10-69-12494.txt	10	7	69	71	43.3	71	71.0	47610	104399	9	14	0.0	68.0	9.6
data7-10-69-12495.txt	10	7	69	57	54.9	57	57.0	47610	103999	385	32	0.0	53.5	6.4

References

- M. Caserta, S. Voß, and M. Sniedovich. Applying the corridor method to a blocks relocation problem. *OR Spectrum*, 33(4):915–929, 2011.
- W. Zhu, H. Qin, A. Lim, and H. Zhang. Iterative deepening A* algorithms for the container relocation problem. *IEEE Transactions on Automation Science and Engineering*, 9:710–722, 2012.