Problem Number, Number of Variables, Number of Clauses, Maximum Number of Literals (k), Total Number of Literals, S/U, Test Code Answer, Execution Time (µs), Assignment

Problem Number	Number of Variables	Number of Clauses	Maximum Number of Literals (k)	Total Number of Literals	S/U	Test Code Answer	Execution Time (µs)	Assignment
1	4	10	7		U	-1	28.37	
2	4	10	7		S	-1	18.6	2 3 4
3	4	10	7		U	-1	16.21	
4	4	10	7		S	1	6.44	2 3 4
5	4	10	7		S	-1	16.21	-2 3 4
6	4	10	7		S	1	5.25	2 3 4
7	4	10	7		S	-1	15.26	2 -3 -4
8	4	10	7		U	-1	14.07	
9	4	10	7		U	-1	18.84	
10	4	10	7		S	-1	12.4	2 3 4
11	8	16	13		U	-1	205.76	
12	8	16	13		U	-1	292.54	
13	8	16	13		S	-1	11.68	2 3 4 5 6 -7 -8
14	8	16	13		S	-1	107.29	2 3 4 5 6 7 -8
15	8	16	13		S	-1	214.82	-2 -3 4 5 6 -7 8
16	8	16	13		U	-1	188.59	
17	8	16	13		S	-1	59.6	2 -3 -4 -5 -6 7 -8
18	8	16	13		S	-1	12.4	2 3 4 -5 -6 7 -8
19	8	16	13		S	-1	112.77	2 3 -4 5 6 7 -8
20	8	16	13		S	-1	18.84	2 3 -4 5 6 7 8
21	12	24	21		S	-1	171.18	2 3 -4 5 6 7 -8 9 10 11 -12
22	12	24	21		S	-1	1030.21	-2 3 4 -5 -6 -7 8 9 10 -11 -12
23	12	24	21		U	-1	3825.66	
24	12	24	21		U	-1	4544.73	
25	12	24	21		S	-1	833.27	-2 3 4 5 -6 7 8 -9 10 -11 12
26	12	24	21		U	-1	3747.46	
27	12	24	21		U	-1	3806.35	
28	12	24	21		S	-1	1029.97	-2 3 -4 5 -6 -7 8 9 10 11 12
29	12	24	21		U	-1	3253.94	
30	12	24	21		S	-1	2528.91	-2 3 4 -5 6 7 8 9 10 11 -12
31	16	32	29		S	-1	21641.02	-2 -3 4 5 -6 7 8 9 10 -11 -12 -13 14 -15 16
32	16	32	29		S	-1	26175.74	2 3 -4 5 -6 7 8 9 -10 11 12 13 14 -15 -16
33	16	32	29		S	-1	38689.14	2 -3 4 -5 6 -7 8 9 10 -11 12 13 14 15 16
34	16	32	29		S	-1	790.6	2 3 4 5 6 -7 8 -9 10 11 12 13 14 15 16
35	16	32	29		U	-1	55209.88	
36	16	32	29		S	-1	8319.14	2 -3 4 5 -6 7 8 9 10 11 12 -13 14 15 16
37	16	32	29		U	-1	44677.5	
38	16	32	29		U	-1	54506.06	
39	16	32	29		S	-1	15751.12	-2 3 4 -5 -6 7 -8 9 -10 11 12 13 -14 15 -16
40	16	32	29		U	-1	55439.71	
41	18	36	33		U	-1	210699.3	
42	18	36	33		U	-1	244745.7	
43	18	36	33		U	-1	230713.6	
44	18	36	33		S	-1	4591.7	2 3 4 5 -6 7 8 -9 -10 11 12 13 -14 15 -16 17 18
45	18	36	33		S	-1	82229.85	-2 -3 -4 5 -6 7 -8 -9 -10 11 -12 -13 -14 15 -16 17 18
46	18	36	33		S	-1	6884.34	2 3 4 5 -6 -7 -8 9 10 11 -12 -13 14 -15 16 17 18
47	18	36	33		S	-1	3808.5	2 3 4 5 6 7 8 9 -10 -11 -12 13 14 -15 -16 17 -18
48	18	36	33		S	-1	19414.19	2 3 -4 5 -6 7 -8 9 10 -11 -12 13 -14 15 -16 17 18
49	18	36	33		U	-1	211429.1	
50	18	36	33		S	-1	8971.69	2 3 4 5 -6 -7 -8 9 10 11 12 -13 -14 15 16 -17 -18
51	20	40	37		U	-1	1075095	
52	20	40	37		S	-1	37307.5	2 3 4 -5 6 -7 8 9 10 -11 12 13 14 -15 -16 -17 18 19 20
53	20	40	37		S	-1	244782.7	-2 3 4 -5 6 7 -8 -9 -10 11 12 13 -14 -15 -16 17 18 19 20
54	20	40	37		U	-1	859603.9	
55	20	40	37		U	-1	846137.8	
56	20	40	37		U	-1	908064.1	
57	20	40	37		U	-1	816875	
58	20	40	37		S	-1	222698.9	2 -3 -4 -5 6 -7 8 -9 -10 -11 12 -13 14 15 16 17 18 19 -20
59	20	40	37		U	-1	998910	
60	20	40	37		S	-1	142113.7	2 -3 4 5 -6 -7 -8 -9 -10 11 12 -13 -14 -15 -16 -17 18 -19 -20
61	22	44	41		S	-1	947896.7	-2 3 4 5 -6 7 8 9 -10 11 12 13 14 -15 -16 -17 18 19 20 -21 -22
62	22	44	41		U	-1	3392982	
63	22	44	41		U	-1	3437883	
64	22	44	41		U	-1	3329702	
65	22	44	41		U	-1	3697092	
66	22	44	41		U	-1	3547120	
67	22	44	41		S	-1	2480138	2 3 -4 -5 6 7 8 -9 -10 -11 12 -13 -14 -15 16 17 18 19 20 21 22
68	22	44	41		U	-1	3390293	
69	22	44	41		U	-1	3403873	
70	22	44	41		U	-1	2813883	
71	24	48	45		S	-1	7384792	2 3 4 -5 6 7 8 9 10 -11 12 -13 14 -15 16 17 18 19 -20 -21 22 23 24
72	24	48	45		U	-1	15849684	
73	24	48	45		S	-1	13307604	-2 -3 -4 5 -6 7 -8 9 10 -11 -12 13 -14 15 -16 -17 18 -19 -20 21 -22 -23 24
74	24	48	45		S	-1	7406571	2 3 4 -5 6 -7 8 9 -10 -11 12 13 14 -15 -16 -17 18 19 -20 21 -22 23 24
75	24	48	45		U	-1	15034226	
76	24	48	45		U	-1	13896224	
77	24	48	45		U	-1	13658909	
78	24	48	45		U	-1	12179937	
79	24	48	45		U	-1	14188766	
80	24	48	45		S	-1	1289296	2 3 -4 5 -6 7 -8 9 10 11 12 13 14 15 16 -17 18 19 20 -21 22 -23 24
81	4	20	17		U	-1	38.15	
82	4	20	17		S	-1	21.93	-2 -3 -4
83	4	20	17		S	-1	16.21	2 3 4
84	4	20	17		S	-1	8.58	2 3 -4
85	4	20	17		U	-1	28.85	
86	4	20	17		S	-1	9.78	2 3 -4
87	4	20	17		S	-1	23.37	2 -3 -4
88	4	20	17		U	-1	22.17	
89	4	20	17		U	-1	29.33	
90	4	20	17		S	-1	10.25	-2 3 -4
91	8	40	37		S	-1	29.09	2 3 4 5 -6 -7 8
92	8	40	37		S	-1	165.94	-2 -3 4 5 -6 -7 -8
93	8	40	37		S	-1	63.9	2 -3 4 -5 6 7 -8
94	8	40	37		U	-1	535.01	
95	8	40	37		U	-1	373.6	
96	8	40	37		U	-1	382.42	
97	8	40	37		U	-1	337.84	
98	8	40	37		U	-1	342.37	
99	8	40	37		S	-1	13.35	2 3 4 5 6 -7 -8
100	8	40	37		U	-1	418.19	
101	12	60	57		U	-1	6344.56	
102	12	60	57		S	-1	1031.88	2 -3 4 5 6 -7 -8 -9 -10 -11 -12
103	12	60	57		U	-1	5629.06	
104	12	60	57		S	-1	3227.0	-2 -3 -4 -5 -6 -7 -8 -9 -10 11 -12
105	12	60	57		U	-1	5063.53	
106	12	60	57		S	-1	6937.98	-2 -3 -4 -5 -6 7 8 9 10 -11 -12
107	12	60	57		U	-1	6620.65	
108	12	60	57		U	-1	6010.29	
109	12	60	57		S	-1	1214.03	2 -3 -4 5 -6 -7 8 9 10 -11 -12
110	12	60	57		U	-1	6337.64	
111	16	80	77		U	-1	98086.6	
112	16	80	77		S	-1	45524.6	2 3 4 -5 6 7 8 -9 10 -11 12 -13 14 15 16
113	16	80	77		U	-1	118820.4	
114	16	80	77		U	-1	108141.7	
115	16	80	77		U	-1	96431.49	
116	16	80	77		S	-1	56259.16	2 3 4 5 -6 7 8 -9 10 -11 12 13 -14 15 -16
117	16	80	77		U	-1	104980.5	
118	16	80	77		U	-1	96462.97	
119	16	80	77		U	-1	103451.5	
120	16	80	77		S	-1	98946.57	-2 -3 4 -5 -6 7 -8 -9 10 11 12 13 -14 15 16
121	18	90	87		U	-1	452681.5	
122	18	90	87		S	-1	435681.6	-2 3 -4 -5 -6 -7 -8 -9 -10 11 12 13 14 15 16 17 -18
123	18	90	87		U	-1	551934.7	
124	18	90	87		U	-1	474181.2	
125	18	90	87		U	-1	416965	
126	18	90	87		S	-1	46617.98	2 3 -4 5 -6 7 -8 9 10 11 -12 13 14 -15 -16 17 -18
127	18	90	87		S	-1	137079.2	-2 3 4 5 -6 -7 8 9 -10 -11 12 -13 -14 -15 -16 -17 18
128	18	90	87		S	-1	7311.34	2 3 4 5 -6 7 8 -9 -10 -11 -12 13 14 -15 16 17 18
129	18	90	87		U	-1	412682.3	
130	18	90	87		S	-1	234973	2 3 4 5 -6 7 8 9 -10 11 -12 -13 -14 15 -16 17 18
131	20	100	97		S	-1	464202.2	2 3 -4 5 -6 -7 8 9 -10 11 12 -13 -14 -15 16 17 18 -19 20
132	20	100	97		U	-1	1520315	
133	20	100	97		S	-1	719353.9	-2 -3 4 5 6 -7 8 9 10 11 -12 13 14 -15 16 -17 18 -19 -20
134	20	100	97		U	-1	1759388	
135	20	100	97		S	-1	163931.6	2 -3 4 5 6 -7 8 9 10 11 -12 -13 -14 -15 -16 17 18 -19 20
136	20	100	97		S	-1	1059210	2 -3 -4 5 -6 -7 -8 9 10 -11 -12 -13 -14 15 16 17 -18 -19 20
137	20	100	97		U	-1	1754120	
138	20	100	97		S	-1	263010.7	2 -3 4 -5 6 7 8 -9 -10 11 -12 13 14 15 16 17 18 19 20
139	20	100	97		U	-1	1662979	
140	20	100	97		U	-1	1803347	
141	22	110	107		S	-1	702758.1	2 3 -4 -5 6 7 -8 9 10 11 -12 -13 -14 15 16 -17 18 -19 20 -21 22
142	22	110	107		S	-1	2799730	-2 -3 4 -5 6 7 8 -9 10 11 -12 13 14 -15 -16 -17 18 19 -20 21 22
143	22	110	107		U	-1	7410410	
144	22	110	107		U	-1	7118261	
145	22	110	107		U	-1	6435919	
146	22	110	107		U	-1	6424257	
147	22	110	107		U	-1	6636229	
148	22	110	107		U	-1	6398217	