

First Track Results

Number	Solution			Time		
	Standard Matiasovich	Finite Matiasovich	Z3solver	Standard Matiasovich	Finite Matiasovich	Z3solver
1	true	true	true	106.661μs	189.441μs	0.02s
2	true	true	true	353.63μs	463.216μs	0.04s
3	true	true	true	4.157415ms	5.12967ms	0.08s
4	true	true	true	205.368μs	222.137μs	0.02s
5	true	true	true	518.442μs	980.037μs	0.01s
6	true	true	true	106.385043ms	14.712797ms	1.13s
7	true	true	true	17.99103075s	5.231016677s	9.89s
8	true	true	timeout	457.013μs	676.623μs	118.97s
9	true	true	true	29.784125ms	15.861511ms	0.38s
10	true	true	true	5.029232ms	3.005986ms	0.03s
11	true	true	true	162.117297ms	73.909308ms	0.39s
12	true	true	true	34.447622ms	3.644059ms	0.02s
13	true	true	true	16.194221ms	1.493393ms	0.01s
14	true	true	true	547μs	364.149μs	0.02s
15	true	true	true	2.41569ms	553.958μs	0.04s
16	true	true	true	157.555318ms	123.796126ms	0.14ms
17	true	true	true	138.330059ms	15.004203ms	0.34s
18	true	true	true	7.585609ms	3.641737ms	0.01s
19	true	true	true	34.970455ms	1.53665ms	0.01s
20	true	true	true	681.544μs	726.338μs	0.02s
21	true	true	true	26.514713ms	2.152822ms	0.01s
22	true	true	true	629.676μs	921.456μs	0.04s
23	true	true	true	253.623μs	318.263μs	0.02s
24	true	true	true	117.55306ms	60.947732ms	1.06s
25	true	true	true	1.409841401s	24.150597ms	0.37s
26	true	true	true	345.591μs	672.151μs	0.02s
27	true	true	true	1.475536ms	226.032μs	0.02s
28	true	true	true	42.729447ms	3.728211ms	0.02s
29	true	true	true	43.896975ms	18.877917ms	0.69s
30	true	true	true	447.359μs	370.384μs	0.02s
31	true	true	true	13.105932ms	1.976702ms	0.01s
32	true	true	true	18.3071ms	3.080227ms	0.08s
33	true	true	true	92.046743ms	46.561317ms	0.02s
34	true	true	true	552.572μs	379.324μs	0.04s
35	true	true	true	134.727868ms	8.109951ms	0.02s
36	true	true	timeout	2.088579ms	3.026425ms	119.26s
37	true	true	true	75.981795ms	6.649017ms	0.02s
38	true	true	true	3.233968864s	154.742589ms	2.72s
39	true	true	true	72.821492ms	25.472521ms	0.03s
40	true	true	true	570.601μs	709.621μs	0.02s
41	true	true	true	31.612089ms	3.188843ms	0.01s
42	true	true	timeout	11.300036ms	2.489283ms	119.19s

43	true	true	true	25.777465ms	24.346191ms	4.22s
44	true	true	true	201.729µs	111.749µs	0.01s
45	true	true	true	2.396671ms	2.521988ms	0.01s
46	true	true	true	972.14µs	874.845µs	0.06s
47	true	true	true	11.161362ms	875.067µs	0.02s
48	true	true	true	648.075µs	219.75µs	0.01s
49	true	true	true	24.941862ms	2.195982ms	0.01s
50	true	true	true	8.498165ms	6.229003ms	1.59s
51	true	true	true	27.53101ms	4.886364ms	0.02s
52	true	true	true	62.792869ms	4.156843ms	0.01s
53	true	true	true	15.28362ms	6.965706ms	1.83s
54	true	true	true	164.060008ms	15.671911ms	0.02s
55	true	true	true	35.845966ms	29.151923ms	0.72s
56	true	true	true	19.924418ms	8.536029ms	0.06s
57	true	true	true	7.287619ms	1.152129ms	0.01s
58	true	true	true	4.471101254s	157.23983ms	2.88s
59	true	true	true	88.433764ms	5.344188ms	0.02s
60	true	true	true	22.594306ms	1.803891ms	0.05s
61	true	true	true	417.587µs	478.128µs	0.01s
62	true	true	true	171.718169ms	13.381094ms	0.01s
63	true	true	true	18.154432244s	727.855186ms	3.10s
64	true	true	true	1.085875ms	1.908827ms	0.05s
65	true	true	true	38.987248ms	18.055532ms	0.25s
66	true	true	true	247.282µs	420.883µs	0.02s
67	true	true	true	13.403739ms	3.512665ms	0.09s
68	true	true	true	2.487782429s	21.143382ms	0.01s
69	true	true	true	170.103496ms	43.05946ms	0.17s
70	true	true	true	1.030134ms	2.611271ms	0.06s
71	true	true	true	36.905416ms	2.968195ms	0.02s
72	true	true	true	1.099068ms	2.145574ms	0.07s
73	true	true	true	857.648336ms	23.300838ms	0.01s
74	true	true	true	20.401461537s	4.47151924s	67.67s
75	true	true	true	17.9887ms	4.474739ms	0.01s
76	true	true	true	249.064µs	440.627µs	0.02s
77	true	true	true	2m31.392588133s	801.092992ms	0.61s
78	true	true	true	101.954175ms	5.981237ms	0.01s
79	true	true	true	82.650263ms	4.770905ms	0.01s
80	true	true	true	362.357µs	443.857µs	0.02s
81	true	true	true	843.078µs	719.725µs	0.01s
82	true	true	true	87.413902ms	19.450159ms	10.08s
83	true	true	true	183.198µs	225.713µs	0.01s
84	true	true	true	33.776944ms	12.333447ms	0.08s
85	true	true	true	333.281µs	707.03µs	0.01s
86	true	true	true	360.002µs	833.867µs	0.01s
87	true	true	true	54.560814ms	25.299496ms	0.02s
88	true	true	true	878.705µs	872.322µs	0.04s
89	true	true	true	8.42747ms	918.87µs	0.01s
90	true	true	true	1.222671961s	27.827761ms	0.01s

91	true	true	true	1.562841ms	1.604162ms	0.01s
92	true	true	true	120.031μs	186.947μs	0.01s
93	true	true	true	288.757μs	579.959μs	0.01s
94	true	true	true	66.63902ms	6.950106ms	0.02s
95	true	true	true	218.647μs	372.182μs	0.03s
96	true	true	true	133.581452ms	34.76468ms	0.03s
97	true	true	true	697.737μs	1.669459ms	0.02s
98	true	true	true	2.18931364s	29.307634ms	0.01ms
99	true	true	true	1.209848ms	3.070926ms	0.02ms
100	true	true	timeout	36.785041ms	20.808739ms	114.14s
101	true	true	timeout	2.224608ms	2.236167ms	118.98s
102	true	true	true	219.591μs	256.176μs	0.02s
103	true	true	true	36.080374ms	3.773451ms	0.02s
104	true	true	true	4.159073ms	1.476401ms	0.09s
105	true	true	true	126.422μs	130.93μs	0.03s
106	true	true	true	2.017992ms	2.027881ms	0.03s
107	true	true	true	10.929972ms	1.216808ms	0.02s
108	true	true	true	115.622054ms	6.751241ms	0.03s
109	true	true	true	3.511059338s	3.327179183s	32.15s
110	true	true	true	5.375374ms	3.464242ms	0.06s
111	true	true	true	5.450395528s	144.479016ms	26.89s
112	true	true	true	217.959μs	108.617μs	0.02s
113	true	true	true	14.722065ms	5.30725ms	0.03s
114	true	true	true	13.37584ms	1.380976ms	0.02s
115	true	true	true	320.836μs	398.914μs	0.02s
116	true	true	true	53.67875ms	12.937297ms	0.17s
117	true	true	true	35.091086ms	3.554388ms	0.05s
118	true	true	true	109.244179ms	8.930575ms	0.02s
119	true	true	true	38.092μs	53.276μs	0.02s
120	true	true	true	3.870738965s	214.494361ms	38.78s
121	true	true	true	72.937579ms	4.160338ms	0.02s
122	true	true	timeout	1.824054ms	2.22136ms	101.72s
123	true	true	true	147.995669ms	17.52066ms	0.40s
124	true	true	true	107.709821ms	11.566279ms	0.01s
125	true	true	true	6.721103895s	128.015126ms	4.30s
126	true	true	true	1.577067ms	888.08μs	0.04s
127	true	true	true	5.776557ms	851.34μs	0.01s
128	true	true	true	31.517μs	119.59μs	0.01s
129	true	true	true	43.779μs	119.793μs	0.01s
130	true	true	true	170.135μs	556.873μs	0.01s
131	true	true	timeout	47.720129ms	7.34146ms	112.63s
132	true	true	true	71.406539ms	30.060291ms	4.15s
133	true	true	timeout	5.012479441s	28.051157ms	113.29s
134	true	true	true	5.291871ms	46.685607ms	0.01s
135	true	true	timeout	17.373743008s	5.899381ms	112.49s
136	true	true	true	509.997μs	520.571μs	0.02s
137	true	true	true	1.17322ms	1.110815ms	0.06s
138	true	true	true	11.970153ms	5.064699ms	0.13s

139	true	true	timeout	113.926473ms	50.348602ms	108.99s
140	true	true	true	313.098µs	343.036µs	0.05s
141	true	true	true	47.15745ms	2.085524ms	0.10s
142	true	true	true	27.587691ms	2.133819ms	0.02s
143	true	true	true	46.227341ms	6.297422ms	0.99s
144	true	true	true	913.005µs	787.833µs	0.02s
145	true	true	true	641.164µs	372.716µs	0.08s
146	true	true	true	369.562µs	421.207µs	0.02s
147	true	true	true	1.672595ms	1.492311ms	0.13s
148	true	true	true	1.4866ms	1.836209ms	1.29s
149	true	true	true	367.934µs	349.943µs	0.03s
150	true	true	true	1.160957ms	572.173µs	0.06s
151	true	true	true	111.603667ms	63.021421ms	0.95s
152	true	true	true	9.023626302s	65.757155ms	0.02s
153	true	true	true	56.584351ms	22.693548ms	0.10s
154	true	true	true	104.12µs	151.246µs	0.02s
155	true	true	true	8.961096ms	1.465226ms	0.02s
156	true	true	true	1.741116708s	166.597234ms	18.29s
157	true	true	true	52.307407ms	5.049623ms	0.02s
158	true	true	true	719.208µs	2.190147ms	0.03s
159	true	true	true	19.379399ms	2.840651ms	0.08s
160	true	true	true	22.714138ms	2.002033ms	0.02s
161	true	true	true	2.58358ms	2.06189ms	0.06s
162	true	true	true	43.55683ms	4.015097ms	0.21s
163	true	true	true	480.358µs	629.396µs	0.02s
164	true	true	true	104.365µs	196.579µs	0.02s
165	true	true	true	13.671156ms	6.443648ms	0.73s
166	true	true	true	94.147037ms	8.295927ms	0.03s
167	true	true	true	51.210905ms	6.994753ms	0.13s
168	true	true	true	438.854µs	699.814µs	0.02s
169	true	true	true	221.68µs	336.146µs	0.04s
170	true	true	true	14.776918ms	1.27484ms	0.02s
171	true	true	true	80.740219ms	5.511047ms	0.02s
172	true	true	true	6.250966ms	988.876µs	0.06s
173	true	true	true	6.902027ms	4.031449ms	1.31s
174	true	true	true	86.609263ms	40.894203ms	2.03s
175	true	true	true	19.230526394s	92.297668ms	0.02s
176	true	true	true	100.57µs	152.615µs	0.02s
177	true	true	true	42.645778ms	22.536796ms	41.86s
178	true	true	true	9.93439943s	152.043239ms	0.04s
179	true	true	true	447.058µs	675.929µs	0.02s
180	true	true	true	3.215748919s	20.102719ms	0.02s
181	true	true	true	789.736µs	1.034637ms	0.02s
182	true	true	true	270.415µs	300.111µs	0.06s
183	true	true	true	4.692921ms	1.169325ms	0.02s
184	true	true	true	3.504ms	1.15261ms	0.03s
185	true	true	true	51.940872ms	2.345351ms	0.02s
186	true	true	true	3.666442ms	1.258295ms	0.03s

187	true	true	true	1.133071ms	1.213843ms	0.13s
188	true	true	true	2.629774ms	2.621995ms	0.03s
189	true	true	true	281.816μs	330.072μs	0.03s
190	true	true	true	257.999μs	321.125μs	0.02s
191	true	true	true	34.364673ms	3.223441ms	0.08s
192	true	true	true	333.622μs	450.297μs	0.02s
193	true	true	true	48.946μs	93.491μs	0.02s
194	true	true	true	1.604356ms	515.336μs	0.12s
195	true	true	true	940.709μs	727.159μs	0.06s
196	true	true	true	1.986401ms	724.287μs	0.02s
197	true	true	true	27.766267ms	2.066607ms	0.02s
198	true	true	true	3.189434ms	1.190773ms	40.10s
199	true	true	true	1.936218ms	758.751μs	0.03s
200	true	true	true	61.838μs	104.126μs	0.02s