Fifth Track Results

Number	Solution				Time			
	Standard Matiasevich	Finite Matiasevich	Z3solver	CVC4	Standard Matiasevich	Finite Matiasevich	Z3solver	CVC4
1	true	true	true	true	1.312164ms	4.747716ms	0.03s	0.026315000s
2	true	true	true	true	4.845866ms	6.900863ms	0.17s	0.032256000s
3	true	true	true	true	45.565252ms	5.44471ms	0.02s	0.021638000s
4	true	true	true	true	10.815504ms	2.897871ms	0.02s	0.050493000s
5	true	true	true	true	29.544406ms	5.37259ms	0.05s	0.031426000s
6	true	true	true	true	39.814502ms	4.279479ms	0.01s	0.021065000s
7	true	true	true	true	7.134634ms	3.569554ms	0.03s	0.032912000s
8	false	false	false	false	104.151577ms	94.441572ms	0.18s	0.041736000s
9	true	true	true	true	5.426726ms	4.303337ms	0.09s	0.042794000s
10	true	true	true	true	25.153954ms	2.65359ms	0.05s	0.038475000s
11	true	true	true	true	1.35815ms	845.882µs	0.02s	0.034117000s
12	true	true	true	true	26.078894ms	13.592436ms	0.03s	0.044489000s
13	true	true	true	true	97.804427ms	13.802623ms	0.03s	122.235426000s
14	true	true	true	timeout	3.179754ms	7.066051ms	0.67s	0.023234000s
15	true	true	true	true	8.589143ms	4.426822ms	0.02s	0.043393000s
16	true	true	true	true	2.284164ms	2.082736ms	0.03s	0.009903000s
17	true	true	true	true	230.528µs	484.029µs	0.01s	0.031808000s
18	true	true	true	true	1.258598ms	3.815973ms	0.04s	0.029279000s
19	false	false	timeout	false	2.824689ms	4.886232ms	118.93s	0.027298000s
20	true	true	true	true	3.841592ms	4.79936ms	0.03s	0.032228000s
21	false	false	false	false	180.716092ms	6.69738ms	0.03s	0.025297000s
22	true	true	true	true	83.210079ms	23.330889ms	0.50s	0.031838000s

23	true	true	true	true	1.271615ms	943.848µs	0.02s	0.048377000s
24	true	true	true	true	3.051959ms	5.625622ms	0.02s	0.086375000s
25	true	true	true	true	11.971205ms	10.698261ms	0.03s	0.029097000s
26	false	true	timeout	false	53.529926ms	62.160562ms	119.06s	0.031731000s
27	true	true	true	true	50.370627ms	3.742292ms	0.04s	0.019322000s
28	true	true	true	true	609.732µs	1.325032ms	0.04s	0.034417000s
29	true	true	true	true	667.561µs	2.574681ms	0.01s	0.034987000s
30	false	true	true	true	526.02µs	875.404µs	0.02s	0.181225000s
31	true	true	true	true	1.233005ms	3.523589ms	0.04s	0.035425000s
32	true	true	true	true	454.007µs	1.835559ms	0.03s	0.055176000s
33	true	true	true	true	1.100277ms	2.474413ms	0.02s	0.058383000s
34	true	true	true	true	4.804236ms	7.2092ms	0.03s	0.031929000s
35	true	true	true	true	14.61852ms	11.838992ms	0.16s	0.233285000s
36	true	true	true	true	4.320757ms	2.58869ms	0.13s	0.024052000s
37	true	true	true	true	18.557438ms	3.31393ms	0.01s	0.042578000s
38	true	true	true	true	19.304745ms	15.999041ms	0.02s	0.037082000s
39	true	true	true	true	863.721µs	5.012608ms	0.01s	0.028979000s
40	true	true	true	true	57.855066ms	37.216076ms	0.13s	0.051440000s
41	true	true	timeout	true	23.128461ms	11.401626ms	119.04s	0.024231000s
42	true	true	true	true	25.636619ms	17.706102ms	0.09s	0.023816000s
43	true	true	true	true	77.055952ms	23.064475ms	0.01s	0.051090000s
44	false	false	false	false	1.500586ms	12.152924ms	0.02s	0.040854000s
45	true	true	true	true	6.93011ms	4.662447ms	0.03s	0.033941000s
46	true	true	true	true	71.458195ms	41.027359ms	0.42s	0.027934000s
47	false	false	false	false	21.806767ms	19.339504ms	0.02s	0.038897000s

48	true	true	true	true	22.08892ms	6.325254ms	0.04s	0.022325000s
49	false	false	false	false	2.104809ms	3.51472ms	0.01s	0.033431000s
50	true	true	true	true	1.773995ms	5.245529ms	0.04s	0.056572000s
51	cycled	false	timeout	false	2.009229859s	3.770507ms	119.21s	0.052673000s
52	true	true	true	true	2.776938ms	5.286349ms	0.04s	0.025773000s
53	false	false	timeout	false	5.285207ms	12.81333ms	119.01s	0.018430000s
54	true	true	true	true	1.598954ms	5.363566ms	0.02s	0.045335000s
55	true	true	true	true	23.680276ms	8.480783ms	0.10s	0.033509000s
56	false	true	true	true	630.325µs	3.368457ms	0.02s	0.023132000s
57	true	true	true	true	175.126461ms	27.213984ms	0.01s	0.019038000s
58	true	true	true	true	22.791358ms	4.414064ms	0.03s	0.028152000s
59	true	true	true	true	872.019µs	3.360085ms	0.04s	0.011872000s
60	true	true	true	true	25.529789ms	2.258557ms	0.01s	0.039144000s
61	true	true	true	true	2.107329ms	2.866416ms	0.04s	0.025576000s
62	true	true	true	true	3.305264ms	1.982992ms	0.01s	0.083910000s
63	true	true	true	true	44.541451ms	22.663814ms	0.08s	0.038358000s
64	true	true	true	true	2.244397ms	3.183754ms	0.05s	0.033678000s
65	true	true	true	true	17.212902ms	19.716197ms	0.02s	0.025308000s
66	true	true	true	true	194.081µs	647.465µs	0.02s	0.032775000s
67	true	true	true	true	31.60118ms	5.277893ms	0.02s	0.026865000s
68	true	true	true	true	11.274191ms	4.382444ms	0.01s	0.029049000s
69	true	true	true	true	1.246534ms	3.297201ms	0.02s	0.022996000s
70	true	true	true	true	39.063288ms	32.419123ms	0.12s	0.025961000s
71	true	true	true	true	1.280184ms	1.571787ms	0.02s	0.018828000s
72	true	true	true	true	49.276687ms	8.086781ms	0.01s	0.018908000s

73	true	true	true	true	1.072725ms	4.895317ms	0.01s	0.028535000s
74	true	true	true	true	722.403µs	3.14699ms	0.02s	0.023658000s
75	true	true	true	true	1.963412ms	2.243936ms	0.03s	0.028309000s
76	true	true	true	true	939.826µs	2.668062ms	0.02s	0.025822000s
77	true	true	true	true	1.039685ms	6.847186ms	0.03s	0.017985000s
78	true	true	true	true	36.724251ms	10.375709ms	0.02s	0.029357000s
79	true	true	true	true	8.987416ms	3.357993ms	0.03s	0.037133000s
80	true	true	true	true	9.737755ms	112.64871ms	0.29s	0.069774000s
81	true	true	true	true	35.154626ms	8.211811ms	0.32s	0.021520000s
82	true	true	true	true	18.51888ms	4.170237ms	0.02s	0.048746000s
83	true	true	true	true	3.215131ms	7.545795ms	0.12s	0.023027000s
84	true	true	true	true	56.422783ms	23.585408ms	0.32s	0.040150000s
85	true	true	timeout	true	1.549855ms	2.078958ms	119.42s	0.015613000s
86	false	false	false	false	501.514µs	4.757571ms	0.01s	0.027101000s
87	true	true	true	true	6.811134ms	5.725293ms	0.02s	0.033684000s
88	true	true	true	true	1.920608ms	2.336195ms	0.02s	0.056506000s
89	true	true	timeout	true	2.700813ms	3.404675ms	118.97s	0.027494000s
90	true	true	true	true	715.151µs	1.998685ms	0.02s	0.076916000s
91	true	true	true	true	2.358191ms	104.386775ms	0.04s	0.024846000s
92	true	true	true	true	22.693459ms	8.737047ms	0.13s	121.751833000s
93	true	true	timeout	timeout	26.963148ms	22.889461ms	119.27s	0.019859000s
94	true	true	true	true	11.615118ms	4.566076ms	0.02s	0.018988000s
95	true	true	true	true	31.506864ms	8.853496ms	0.01s	0.032704000s
96	true	true	true	true	1.350115ms	4.388015ms	0.04s	0.051830000s
97	true	true	true	true	53.184899ms	32.352358ms	0.02s	0.070814000s

98	true	true	true	true	66.826223ms	7.667094ms	0.06s	0.052247000s
99	false	false	false	false	11.631873ms	55.113318ms	0.01s	0.042794000s
100	true	true	true	true	13.390959ms	4.901122ms	0.04s	0.091098000s
101	true	true	true	true	1.654012ms	3.994713ms	0.03s	0.055092000s
102	false	true	true	true	1.431941ms	3.257741ms	0.11s	0.051380000s
103	true	true	true	true	3.526542ms	1.805088ms	0.02s	0.018875000s
104	true	true	true	true	3.676212ms	1.036856ms	0.03s	0.018826000s
105	true	true	true	true	38.304051ms	4.095672ms	0.57s	0.022344000s
106	true	true	true	true	21.776223ms	9.616174ms	0.10s	0.047286000s
107	true	true	true	true	8.463798ms	11.26751ms	0.04s	0.204737000s
108	true	true	true	true	15.066187ms	10.585376ms	0.06s	0.031542000s
109	true	true	true	true	7.523474ms	2.084554ms	0.02s	0.017673000s
110	true	true	true	true	1.414335ms	1.981414ms	0.03s	0.037514000s
111	false	false	false	false	2.871018ms	841.587µs	0.02s	0.031574000s
112	true	true	true	true	7.494695ms	4.229955ms	0.21s	0.027784000s
113	true	true	true	true	1.198441ms	2.407319ms	0.10s	0.031025000s
114	true	true	true	timeout	8.692445ms	7.194241ms	0.04s	120.879205000s
115	true	true	true	true	7.566361ms	3.525442ms	0.03s	0.044503000s
116	true	true	true	true	1.541456ms	1.368875ms	0.02s	0.034319000s
117	true	true	true	true	19.033731ms	67.432074ms	4.34s	0.131718000s
118	true	true	true	true	808.396µs	1.790056ms	0.03s	0.020916000s
119	false	false	false	false	269.302µs	284.33µs	0.01s	0.067545000s
120	true	true	true	true	20.134876ms	3.306202ms	0.02s	0.282722000s
121	true	true	true	true	33.592382ms	16.058337ms	0.24s	0.026126000s
122	true	true	true	true	2.420002ms	1.434384ms	0.03s	0.030065000s

123	true	true	timeout	true	1.324702ms	2.377119ms	119.21s	0.029168000s
124	true	true	true	true	8.816237ms	7.532608ms	0.21s	0.022596000s
125	false	false	false	false	831.725µs	261.019355ms	0.02s	0.022776000s
126	true	true	true	true	23.363744ms	3.088043ms	0.01s	0.014536000s
127	true	true	true	true	217.324µs	842.13µs	0.02s	0.010239000s
128	true	true	true	true	49.828607ms	7.572291ms	0.04s	0.035774000s
129	true	true	true	true	3.7984ms	6.827752ms	0.09s	0.019579000s
130	true	true	true	true	16.784297ms	12.549333ms	0.09s	0.020832000s
131	true	true	true	true	19.803278ms	6.327033ms	0.01s	0.021502000s
132	true	true	true	true	1.567183ms	4.430263ms	0.01s	0.052665000s
133	true	true	true	true	22.547938ms	6.907431ms	0.01s	0.020625000s
134	true	true	true	true	8.9381ms	11.493374ms	0.08s	0.277060000s
135	true	true	true	true	3.126228ms	5.497639ms	0.04s	0.033204000s
136	false	false	false	false	94.267575ms	128.920329ms	0.02s	0.043597000s
137	true	true	true	true	31.32707ms	3.511354ms	0.01s	0.045286000s
138	true	true	true	true	1.649611ms	3.816446ms	0.02s	0.062433000s
139	false	false	timeout	timeout	444.663µs	420.412µs	118.65s	121.055609000s
140	true	true	true	true	1.245541ms	3.200423ms	0.04s	0.026005000s
141	true	true	true	true	1.55586ms	3.693959ms	0.01s	0.025580000s
142	true	true	true	true	4.5987ms	3.770571ms	0.01s	0.015865000s
143	true	true	true	true	382.285µs	1.30535ms	0.01s	0.025427000s
144	true	true	true	true	11.428328ms	11.313501ms	0.02s	0.022898000s
145	false	false	false	false	440.937µs	436.608µs	0.01s	0.028321000s
146	true	true	true	true	28.671141ms	8.392376ms	0.01s	0.016904000s
147	false	false	false	false	341.499µs	676.931µs	0.01s	0.021944000s

148	false	false	false	false	554.353 µs	2.310865ms	0.01s	0.043320000s
149	true	true	true	true	26.989343ms	20.272883ms	0.46s	0.049039000s
150	false	false	false	false	388.931 µs	829.773 µs	0.01s	0.033536000s
151	true	true	true	true	1.305594ms	1.781857ms	0.04s	0.034172000s
152	true	true	true	true	29.713768ms	3.305605ms	0.02s	0.018064000s
153	true	true	true	true	2.191678ms	3.124004ms	0.02s	0.034372000s
154	true	true	true	true	61.636739ms	43.922688ms	0.24s	0.035143000s
155	true	true	true	true	39.956054ms	22.301418ms	0.11s	0.022956000s
156	true	true	true	true	12.664498ms	10.79791ms	0.16s	0.043299000s
157	true	true	true	true	1.414625ms	1.097875ms	0.02s	0.049778000s
158	true	true	true	true	2.922544ms	3.213167ms	0.01s	0.019095000s
159	true	true	true	true	45.711985ms	7.400594ms	0.04s	0.078819000s
160	true	true	true	true	55.411848ms	12.284491ms	0.04s	0.044123000s
161	true	true	true	true	2.176364ms	3.382626ms	0.02s	0.018932000s
162	cycled	false	timeout	false	55.286416944s	7.506606ms	119.39s	0.042736000s
163	true	true	true	true	31.574386ms	5.321129ms	0.01s	0.034434000s
164	true	true	true	true	2.840006ms	2.201977ms	0.02s	0.032740000s
165	true	true	true	true	1.178936ms	2.368813ms	0.01s	0.022957000s
166	true	true	true	true	1.292787ms	2.530133ms	0.01s	0.009817000s
167	false	true	true	true	1.282976ms	1.2657 ms	0.02s	0.035856000s
168	true	true	true	true	828.284 µs	3.7171 ms	0.02s	0.017235000s
169	true	true	true	true	1.602079ms	2.549937ms	0.03s	0.030597000s
170	true	true	true	true	6.072914ms	3.673176ms	0.05s	0.029035000s
171	true	true	true	true	4.341618ms	7.2232 ms	0.02s	0.042486000s
172	true	true	true	true	9.078473ms	16.084487ms	0.45s	0.079231000s

173	true	true	true	true	20.888101ms	20.06197ms	0.30s	0.123885000s
174	true	true	true	true	2.26023ms	5.015357ms	0.09s	0.038531000s
175	true	true	true	true	681.416µs	1.275496ms	0.02s	0.030353000s
176	true	true	true	true	21.642155ms	14.149529ms	0.01s	0.024424000s
177	false	false	false	false	584.302µs	244.46µs	0.01s	0.015963000s
178	false	true	true	true	1.555416ms	15.968671ms	0.09s	0.054938000s
179	true	true	true	true	897.083µs	1.654254ms	0.01s	0.017959000s
180	true	true	true	true	26.980266ms	21.810148ms	0.18s	0.017941000s
181	true	true	true	true	25.360506ms	4.504156ms	0.01s	0.016163000s
182	true	true	true	true	8.70596ms	9.745802ms	0.05s	0.023882000s
183	true	true	true	true	5.328688ms	20.001249ms	0.05s	0.070831000s
184	false	false	false	false	865.261µs	886.189µs	0.02s	0.022867000s
185	true	true	timeout	true	25.048732ms	9.974437ms	119.43s	0.038824000s
186	true	true	true	true	6.773567ms	5.04715ms	0.02s	0.020172000s
187	true	true	true	true	163.828273ms	23.955704ms	0.02s	0.030317000s
188	true	true	true	true	2.502486ms	10.522633ms	0.03s	0.036330000s
189	true	true	true	true	262.486µs	723.428µs	0.01s	0.015963000s
190	true	true	timeout	true	4.08166ms	4.454174ms	117.94s	0.035533000s
191	true	true	true	true	135.497743ms	21.438447ms	0.02s	0.021325000s
192	false	false	false	false	26.935638ms	182.196684ms	0.02s	0.021163000s
193	true	true	true	true	5.821862ms	5.808205ms	0.13s	0.065689000s
194	true	true	true	true	7.7442ms	6.101212ms	0.05s	0.090142000s
195	true	true	true	true	21.524473ms	16.475878ms	0.16s	0.134064000s
196	true	true	timeout	true	8.590903ms	18.512243ms	119.00s	0.042017000s
197	true	true	true	true	6.636255ms	13.334425ms	0.10s	0.035970000s

198	true	true	true	true	746.106 µs	2.665207ms	0.02s	0.022464000s
199	false	true	true	true	1.170839ms	5.822247ms	0.03s	0.039206000s
200	true	true	true	true	6.625439ms	11.885566ms	0.01s	0.029508000s