11/8/2019 A2 Online Judge

Like You and 23K others like this.

<u>Sig</u>

Ladders Problems Status Categories

You must be logged in to add problems to this category

Geometry problems

				<u>Geometry problems</u>
	Problem Name		Online Judge	Year Contest
1	Triangle From Centroid	Categories	SPOJ	
2	Sphere in a tetrahedron	Categories	SPOJ	
3	Is This Integration ?	Categories	UVA	
4	<u>Julka</u>	Categories	SPOJ	
5	Equipment Box	Categories	SPOJ	
6	Carmichael Numbers	Categories	UVA	
7	Maximal Quadrilateral Area	Categories	SPOJ	
8	Han Solo and Lazer Gun	Categories	Codeforces	Codeforces Round #291 (Div. 2)
9	Mahmoud and a Triangle	Categories	Codeforces	Codeforces Round #396 (Div. 2) Codeforces Beta Round #6 (Div. 2 Only) Codeforces Round #313 (Div. 2) Codeforces Round #287 (Div. 2) Codeforces Round #3430 (Div. 2) Codeforces Round #313 (Div. 1) & Codeforces Round #313 (Div. 2) Codeforces Round #165 (Div. 2) Codeforces Round #367 (Div. 2)
10	<u>Triangle</u>	Categories	Codeforces	Codeforces Beta Round #6 (Div. 2 Only)
11	Currency System in Geraldion	<u>Categories</u>	Codeforces	Codeforces Round #313 (Div. 2)
12	Amr and Pins	<u>Categories</u>	Codeforces	Codeforces Round #287 (Div. 2)
13	Gleb And Pizza	<u>Categories</u>	Codeforces	Codeforces Round #430 (Div. 2)
14	Gerald's Hexagon	Categories	Codeforces	Codeforces Round #313 (Div. 1) & Codeforces Round #313 (Div. 2)
15	One Geometry Problem	<u>Categories</u>	SPOJ	
16	Fancy Fence	Categories	Codeforces	Codeforces Round #165 (Div. 2)
17	Colourful Flowers	Categories	UVA	
18	Beru-taxi	Categories	Codeforces	Codeforces Round #367 (Div. 2)
19	The Grazing Cow	Categories	UVA	
20	Lifting the Stone	Categories	SPOJ	
21	Convex Hull Finding	Categories		
22	Overlapping Rectangles	Categories	UVA	
23	Sunny Mountains	Categories	UVA Codeforces	Codeforces Beta Round #93 (Div. 2 Only)
24 25	Wasted Time Pouring Rain	<u>Categories</u>	Codeforces	Codeforces Round #35 (Div. 2 Only) Codeforces Round #349 (Div. 2)
26	Pipe	Categories	PKU	Codeloices Roulid #349 (Div. 2)
27	Parallelogram is Back	Categories	Codeforces	Codeforces Round #388 (Div. 2)
28	Gleaming the Cubes	Categories	UVA	00001000 (0011 1/000 (011. 2)
29	Soya Milk	Categories	UVA	
30	Doors and Penguins	Categories	Live Archive	2006 North America - Mid-Atlantic USA & North America - Rocky Mountain
31	Beavergnaw	Categories	UVA	•
32	Packing polygons	Categories	UVA	
33	Colourful Flowers	Categories	URI	
34	<u>Handball</u>	Categories	UVA	
35	Goal for Raúl	Categories	SPOJ	
36	Elevator	Categories	URI	
37	Area	<u>Categories</u>	UVA	
38	Crazy Town	Categories	Codeforces	Codeforces Round #284 (Div. 1) & Codeforces Round #284 (Div. 2)
39	<u>Area</u>	Categories	TJU	
40	The Ant	Categories	SPOJ	
41	The easiest way	Categories	UVA	
42	Land Acquisition	Categories	SPOJ	
43	<u>Railway</u>	Categories	UVA	
44	Trace	<u>Categories</u>	Codeforces	Codeforces Round #110 (Div. 2)
45	Rings and Glue	Categories	UVA	
46	Mister B and Angle in Polygon	Categories	Codeforces	Codeforces Round #421 (Div. 2)
47	Air Strike	Categories	SPOJ	
48	Gifts in a Hexagonal Box	Categories	UVA	
49	Athletics Track	Categories	UVA	
50	Point on Spiral	Categories	Codeforces	Codeforces Round #171 (Div. 2)
51	Bicycle Race	Categories	Codeforces	Codeforces Round #346 (Div. 2)
52	<u>I Conduit</u>	Categories	SPOJ	
53	Calculate the Area	Categories	SPOJ	
54	Anton and Lines	Categories	Codeforces	Codeforces Round #329 (Div. 2)

					PDFelement
	Problem Name		Online Judge	Year	
55	Geometry and a Square	Categories	SPOJ		
56	Bright Lights	Categories	UVA		
57	Bounding box	Categories	UVA		
58	Area of circles	Categories	SPOJ		
59	Arpa and an exam about geometry	Categories	Codeforces		Codeforces Round #432 (Div. 2, based on IndiaHacks Final Round 2017)
60	Constellation	Categories	Codeforces		Wunder Fund Round 2016 (Div. 1 + Div. 2 combined)
61	Convex Hull	Categories	UVA		Codeference Reyard #400
62	New Year Table Geometry Problem	<u>Categories</u> <u>Categories</u>	Codeforces Live Archive	2009	Codeforces Round #100 Asia - Amritapuri
					Codeforces Round #320 (Div. 1) [Bayan Thanks-Round] & Codeforces Round #320 (Div. 2) [Bayan Thanks-
64	A Problem about Polyline	Categories	Codeforces		Round]
65	Coat of Anticubism	Categories	Codeforces		Codeforces Round #349 (Div. 2)
66	Treasure Hunt	Categories	PKU		
67 68	SPIRAL RUN Where do I Turn?	<u>Categories</u> <u>Categories</u>	SPOJ Codeforces		Codeforces Round #140 (Div. 2)
69	Ancient Berland Circus	Categories	Codeforces		Codeforces Beta Round #1
70	Captain Marmot	Categories	Codeforces		Codeforces Round #271 (Div. 2)
71	Face the mate	Categories	SPOJ		
72	<u>Frontier</u>	Categories	Timus		
73	Tell Your World	Categories	Codeforces		Codeforces Round #431 (Div. 2)
74	Will Indiana Jones Get There	Categories	SPOJ		
75	Chocolate Chip Cookies	Categories	UVA		
76	Magic Box	Categories	Codeforces		Codeforces Round #143 (Div. 2)
77 78	Hopscotch View Angle	<u>Categories</u> <u>Categories</u>	Codeforces Codeforces		Codeforces Round #101 (Div. 2) Codeforces Round #159 (Div. 2)
79	The Sultan's Problem	Categories	UVA		Codelores (Volita #109 (Div. 2)
80	Fence	Categories	PKU		
81	The Teacher's Side of Math	Categories	Live Archive	2007	Asia - Tokyo
82	Peter and Snow Blower	Categories	Codeforces		Codeforces Round #339 (Div. 1) & Codeforces Round #339 (Div. 2)
83	Vanya and Triangles	Categories	Codeforces		Codeforces Round #308 (Div. 2)
84	Intersection of Two Prisms	Categories	Live Archive	2010	Asia - Tokyo
85	<u>Depression</u>	Categories	Codeforces		Asia - Tokyo Codeforces Round #339 (Div. 1) & Codeforces Round #339 (Div. 2) Codeforces Round #308 (Div. 2) Asia - Tokyo Codeforces Beta Round #69 (Div. 2 Only) Codeforces Beta Round #82 (Div. 2)
86	Buns Bunning Student	Categories	Codeforces		
87 88	Running Student <u>Triangle</u>	<u>Categories</u> <u>Categories</u>	Codeforces Codeforces	1.0	Codeforces Beta Round #9 (Div. 2 Only) Codeforces Beta Round #18 (Div. 2 Only)
89	<u>Surrounded</u>	Categories	Codeforces		Codeforces Round #120 (Div. 2)
90	Nearest vectors	Categories	Codeforces		Educational Codeforces Round 1
91	Kalila and Dimna in the Logging	Categories	Codeforces		Codeforces Round #189 (Div. 1) & Codeforces Round #189 (Div. 2)
92	Industry Chip 'n Dale Rescue Rangers	Categories	Codeforces		Codeforces Round #327 (Div. 1) & Codeforces Round #327 (Div. 2)
93	Restore Cube	Categories	Codeforces		Codeforces Round #265 (Div. 1)
94	Equilateral Triangle in a Triangle Grid	Categories	UVA		
95	Series of Crimes	Categories	Codeforces		Croc Champ 2012 - Round 2 (Unofficial Div. 2 Edition)
96	Nature Reserve	Categories	Codeforces		Codeforces Round #514 (Div. 2)
97	Cupboard and Balloons	Categories	Codeforces		Codeforces Round #199 (Div. 2)
98	<u>Dog Distance</u>	Categories	UVA		
99	Area in Triangle Number of Parallelograms	Categories	PKU Codeforces		Educational Codeforces Round 11
101	Four Segments	<u>Categories</u> <u>Categories</u>	Codeforces		Codeforces Beta Round #14 (Div. 2)
102	Rectangle and Square	Categories	Codeforces		Codeforces Beta Round #97 (Div. 1) & Codeforces Beta Round #97 (Div. 2)
103	Points on Plane	Categories	Codeforces		Codeforces Round #319 (Div. 1) & Codeforces Round #319 (Div. 2)
104	4-point polyline	Categories	Codeforces		MemSQL Start[c]UP 2.0 - Round 1
105	Tricky Function	Categories	Codeforces		Codeforces Round #245 (Div. 1)
106	An overnight dance in discotheque	Categories	Codeforces		Codeforces Round #418 (Div. 2)
107	Ada and Cucumber	Categories	SPOJ		
108	<u>Hail</u>	Categories	Timus Codeforces		Codeforces Round #113 (Div. 2)
110	<u>Polygons</u> <u>Hit Ball</u>	<u>Categories</u> <u>Categories</u>	Codeforces		Codeforces Round #118 (Div. 2)
111	<u>Device</u>	Categories	Timus		Coddistate Nation 1720 (Sin 2)
112	All Souls Night	Categories	UVA		
113	Cutting a Polygon	Categories	UVA		
114	Area of Two Circles' Intersection	Categories	Codeforces		Educational Codeforces Round 2
115	Shooting Gallery	Categories	Codeforces		Codeforces Beta Round #30 (Codeforces format)
116	Fighting Against a Polygonal Monster	Categories	UVA		
117	Maximal Area Quadrilateral	Categories	Codeforces		Codeforces Round #198 (Div. 2)
118	Chris and Road Tower for Cellular Telephony	Categories	Codeforces		Codeforces Round #365 (Div. 2)
119 120	Tower for Cellular Telephony Rectangle Puzzle	<u>Categories</u> <u>Categories</u>	UVA Codeforces		Codeforces Round #172 (Div. 1) & Codeforces Round #172 (Div. 2)
121	Heavy Disc	Categories	SGU		Section 200 - Reality in T2 (DIV. 1) to Conditional House in T12 (DIV. 2)

				PDF
	Problem Name		Online Judge	Year
122	Rooter's Song	<u>Categories</u>	Codeforces	Codeforces Round #431 (Div. 1) & Codeforces Round #431 (Div. 2)
123	<u>Turn</u>	<u>Categories</u>	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz
124	<u>Vika and Segments</u>	Categories	Codeforces	Codeforces Round #337 (Div. 2)
125	<u>Knights</u>	Categories	Codeforces	Codeforces Beta Round #33 (Codeforces format)
126	Commentator problem	Categories	Codeforces	Codeforces Beta Round #2
127 128	Mirror Sequence of points	<u>Categories</u> <u>Categories</u>	Timus Codeforces	Codeforces Beta Round #24
129	Tavas and Pashmaks	Categories	Codeforces	Codeforces Round #299 (Div. 2) & Codeforces Round #299 (Div. 1)
130	Hill Climbing	Categories	Codeforces	Codeforces Round #238 (Div. 1)
131	Paint Tree	Categories	Codeforces	Codeforces Round #124 (Div. 1) & Codeforces Round #124 (Div. 2)
132	A Square and Equilateral Triangles	Categories	UVA	
133	<u>Pyramids</u>	<u>Categories</u>	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz
134	Robo-Footballer	Categories	Codeforces	Codeforces Round #152 (Div. 2) & Codeforces Round #152 (Div. 1)
135	Set of Points	Categories	Codeforces	Codeforces Round #170 (Div. 1) & Codeforces Round #170 (Div. 2)
136	Freelancer's Dreams	<u>Categories</u>	Codeforces	Codeforces Round #335 (Div. 1) & Codeforces Round #335 (Div. 2)
137	Product Sum	Categories	Codeforces	Codeforces Round #344 (Div. 2)
138	Building Bridge	Categories	Codeforces	CROC-MBTU 2012, Final Round (Online version, Div. 2)
139	<u>Fireball</u>	Categories	Timus	Och and Device and Transport Country 2004
140	Minimum Sum Harry Potter and the Golden Snitch	<u>Categories</u> <u>Categories</u>	Codeforces Codeforces	School Regional Team Contest, Saratov, 2011 Codeforces Beta Round #60
142	Happy Farm 5	Categories	Codeforces	Codeforces Beta Round #47
143	Letter A	Categories	Codeforces	Codeforces Beta Round #13
144	Cheese	Categories	Timus	
145	Arrow	Categories	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz
146	Summer Earnings	Categories	Codeforces	Codeforces Round #194 (Div. 1)
147	Space Rescuers	Categories	Codeforces	Codeforces Beta Round #82 (Div. 2)
148	Hide and seek	Categories	UVA	
149	Mirror Box	<u>Categories</u>	Codeforces	Bayan 2012-2013 Elimination Round (ACM ICPC Rules, English statements) Codeforces Beta Round #13 Codeforces Round #250 (Div. 2) & Codeforces Round #250 (Div. 1) Experimental Educational Round: VolBIT Formulas Blitz Codeforces Beta Round #51
150	<u>Triangles</u>	<u>Categories</u>	Codeforces	Codeforces Beta Round #13
151	The Child and Polygon	Categories	Codeforces	Codeforces Round #250 (Div. 2) & Codeforces Round #250 (Div. 1)
152	Good Manners	Categories	Timus	For extraordal Educational Power & VAIDIT Formulas Diffe
153 154	Area of a Star Very simple problem	<u>Categories</u> <u>Categories</u>	Codeforces Codeforces	Experimental Educational Round: VolBIT Formulas Blitz Codeforces Beta Round #51
155	Professor's task	Categories	Codeforces	Codeforces Beta Round #64
156	Igloo Skyscraper	Categories	Codeforces	Codeforces Beta Round #75 (Div. 1 Only)
157	Kill the Shaitan-Boss	Categories	Timus	
158	Two Friends	Categories	Codeforces	Codeforces Beta Round #8
159	Alyona and Triangles	Categories	Codeforces	Codeforces Round #358 (Div. 2)
160	<u>Deformed Wheel</u>	Categories	PKU	
161	National Park	Categories	Timus	
162	Bear and Bowling 4	Categories	Codeforces	Educational Codeforces Round 11
163	Zoo	Categories	Codeforces	Croc Champ 2012 - Final
164 165	Max and Bike Bear and Floodlight	<u>Categories</u> <u>Categories</u>	Codeforces Codeforces	Codeforces Round #330 (Div. 1) & Codeforces Round #330 (Div. 2) Codeforces Round #226 (Div. 2)
166	<u>Chapaev</u>	Categories	Timus	Codeloices Roulid #220 (Div. 2)
167	Sereja and Straight Lines	Categories	Codeforces	Codeforces Round #187 (Div. 1)
168	Special Olympics	Categories	Codeforces	Codeforces Round #125 (Div. 2)
169	Cookie	<u>Categories</u>	UVA	
170	Guard Towers	Categories	Codeforces	Yandex.Algorithm 2011 Round 1
171	Hide-and-Seek	Categories	Codeforces	Codeforces Beta Round #32 (Div. 2, Codeforces format)
172	Randomizer	<u>Categories</u>	Codeforces	Codeforces Round #313 (Div. 1)
173	New Year Snowflake	<u>Categories</u>	Codeforces	Codeforces Round #100
174	Little Elephant and Triangle	Categories	Codeforces	Codeforces Round #136 (Div. 1)
175	Ship's Shortest Path	Categories	Codeforces	Codeforces Beta Round #67 (Div. 2)
176 177	Rotation Roland and Rose	<u>Categories</u> <u>Categories</u>	Codeforces Codeforces	Unknown Language Round #3 Codeforces Round #262 (Div. 2)
178	Triangle Game	Categories	Timus	Codeloices Roulid #202 (Div. 2)
179	<u>Tetragon</u>	Categories	Codeforces	Codeforces Beta Round #23
180	Ksusha and Square	Categories	Codeforces	Croc Champ 2013 - Round 2
181	The Mentaculus	Categories	Timus	·
182	3D Geometry	Categories	A2 Online	
			Judge	North on 2011
183 184	Save the City! Max and Min	<u>Categories</u>	Codeforces Codeforces	Manthan 2011 VK Cup 2015 - Finals, online mirror
184	Max and Min Martian Food	<u>Categories</u> <u>Categories</u>	Codeforces	Codeforces Beta Round #69 (Div. 1 Only)
186	Triangle Game 2	Categories	Timus	Sociologo Bola Rodina moo (Div. 1 Olliy)
187	Stars	Categories	Codeforces	Codeforces Round #131 (Div. 1)
188	<u>Light</u>	Categories	Timus	, ,
	-			

				PDFelemen
	Problem Name		Online Judge	Year
189	Space mines	Categories	Codeforces	Codeforces Beta Round #74 (Div. 1 Only)
190	<u>Bowls</u>	Categories	Codeforces	Codeforces Beta Round #36
191	The Last Hole!	Categories	Codeforces	Codeforces Round #168 (Div. 1) & Codeforces Round #168 (Div. 2)
192	Archer's Shot	Categories	Codeforces	Codeforces Beta Round #70 (Div. 2)
193	Runaway to a Shadow	Categories	Codeforces	Codeforces Round #357 (Div. 2)
194	Non-Flying Weather	Categories	Timus	
195	<u>Wires</u>	Categories	Timus	Overl Day 2040
196	New Year Tree Decorations	Categories	Codeforces	Good Bye 2013 Codeforces Round #117 (Div. 2)
197 198	Battlefield Empire Strikes Back	Categories	Codeforces Timus	Codeforces Round #117 (DIV. 2)
199	Empire Strikes Back Intersect Until You're Sick of It	<u>Categories</u> <u>Categories</u>	Timus	
200	Ruminations on Ruminants	Categories	Codeforces	Codeforces Round #334 (Div. 1)
201	Delivering Carcinogen	Categories	Codeforces	Codeforces Round #125 (Div. 1) & Codeforces Round #125 (Div. 2)
202	Karen and Cards	Categories	Codeforces	Codeforces Round #419 (Div. 1)
203	Inquisition	Categories	Codeforces	Codeforces Beta Round #58
204	King's Problem?	Categories	Codeforces	Codeforces Beta Round #30 (Codeforces format)
205	Biscuits	Categories	Timus	
206	Mouse	Categories	Timus	
207	Help Greg the Dwarf	Categories	Codeforces	Codeforces Beta Round #78 (Div. 1 Only) & Codeforces Beta Round #78 (Div. 2 Only)
208	Cannon	Categories	Codeforces	Codeforces Beta Round #44 (Div. 2)
209	Corridor	Categories	Codeforces	Yandex.Algorithm 2011 Qualification 2
210	Fire Signals	Categories	Timus	
211	Goat in the Garden 4	Categories	Timus	
212	Fox and Meteor Shower	Categories	Codeforces	Codeforces Round #228 (Div. 1)
213	Winding Number	Categories	Timus	.01
214	Boss, I Can See You!	Categories	Timus	Codeforces Round #228 (Div. 1) CROC 2016 - Elimination Round Codeforces Round #366 (Div. 1) Codeforces Round #220 (Div. 2) VK Cup 2015 - Wild Card Round 1 Codeforces Beta Round #73 (Div. 1 Only) Educational Codeforces Round 1 Codeforces Round #231 (Div. 2)
215	Armistice Area Apportionment	Categories	Codeforces	CROC 2016 - Elimination Round
216	Iron Man	Categories	Codeforces	Codeforces Round #366 (Div. 1)
217	Inna and Babies	Categories	Codeforces	Codeforces Round #220 (Div. 2)
218	Points in triangle	Categories	Codeforces	VK Cup 2015 - Wild Card Round 1
219	Interfering Segment	Categories	Timus	
220	Mogohu-Rea Idol	Categories	Codeforces	Codeforces Beta Round #73 (Div. 1 Only)
221	<u>Cut Length</u>	Categories	Codeforces	Educational Codeforces Round 1
222	<u>Lightbulb for Minister</u>	Categories		Codeforces Round #231 (Div. 2)
223	Multishot in the Secret Cow Level	Categories	Timus	Outstance Pate Pound #FO
224	Vacuum ?leaner	Categories	Codeforces	Codeferes Bound #433 (Div. 4 heard on Olympiad of Metropolices)
226	<u>Lada Malina</u> <u>Cookie Clicker</u>	<u>Categories</u>	Codeforces Codeforces	Codeforces Round #433 (Div. 1, based on Olympiad of Metropolises) Codeforces Round #222 (Div. 1)
227	BCPC	Categories	Codeforces	Codeforces Round #328 (Div. 2)
228	New Year and Cake	Categories	Codeforces	Good Bye 2015
	TION TOUR GIRD CORE	<u>outogomoo</u>	0000101000	2004 27,0 20.0
229	Birthday	Categories	Codeforces	Codeforces Beta Round #94 (Div. 1 Only)
229	<u>Birthday</u> Polygon	<u>Categories</u>	Codeforces Codeforces	Codeforces Beta Round #94 (Div. 1 Only) Testing Round #6
230	<u>Polygon</u>	Categories	Codeforces	Codeforces Beta Round #94 (Div. 1 Only) Testing Round #6 Codeforces Beta Round #62
230 231	<u>Polygon</u> <u>Contact</u>	<u>Categories</u> <u>Categories</u>		Testing Round #6
230	<u>Polygon</u>	Categories Categories Categories	Codeforces Codeforces	Testing Round #6 Codeforces Beta Round #62
230 231 232	Polygon Contact Cubes Mobile Life	Categories Categories Categories	Codeforces Codeforces	Testing Round #6 Codeforces Beta Round #62
230 231 232 233	Polygon Contact Cubes	Categories Categories Categories	Codeforces Codeforces Codeforces Timus	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1)
230 231 232 233 234	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2	Categories Categories Categories Categories Categories	Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1)
230 231 232 233 234 235	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots	Categories Categories Categories Categories Categories Categories Categories	Codeforces Codeforces Timus Codeforces Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror]
230 231 232 233 234 235 236	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts	Categories Categories Categories Categories Categories Categories Categories Categories	Codeforces Codeforces Timus Codeforces Codeforces Codeforces Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only)
230 231 232 233 234 235 236 237	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears	Categories Categories Categories Categories Categories Categories Categories Categories Categories	Codeforces Codeforces Timus Codeforces Codeforces Codeforces Codeforces Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1)
230 231 232 233 234 235 236 237 238	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle	Categories	Codeforces Codeforces Timus Codeforces Codeforces Codeforces Codeforces Codeforces Codeforces Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1)
230 231 232 233 234 235 236 237 238 239	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider	Categories	Codeforces Codeforces Codeforces Timus Codeforces Codeforces Codeforces Codeforces Codeforces Codeforces Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1)
230 231 232 233 234 235 236 237 238 239 240	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1)
230 231 232 233 234 235 236 237 238 239 240	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1)
230 231 232 233 234 235 236 237 238 239 240 241	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #285 (Div. 1) Codeforces Round #136 (Div. 1) Codeforces Round #138 (Div. 1) School Team Contest #2 (Winter Computer School 2010/11)
230 231 232 233 234 235 236 237 238 239 240 241 242 243	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1)
230 231 232 233 234 235 236 237 238 239 240 241 242 243 244	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls	Categories	Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2)
230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls Martian Colony	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #285 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2) Codeforces Round #109 (Div. 1)
230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls Martian Colony, Alternative Reality,	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #285 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2) Codeforces Round #109 (Div. 1)
230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls Martian Colony Alternative Reality Goat in the Garden 6	Categories	Codeforces Codeforces Codeforces Timus Codeforces Timus	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2) Codeforces Round #109 (Div. 1) Codeforces Beta Round #90 Codeforces Round #138 (Div. 1) School Personal Contest #2 (Winter Computer School 2010/11) - Codeforces Beta Round #43 (ACM-ICPC
230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls Martian Colony Alternative Reality Goat in the Garden 6 Planar Graph Emperor's Problem	Categories	Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2) Codeforces Round #109 (Div. 1) Codeforces Beta Round #90 Codeforces Round #138 (Div. 1) School Personal Contest #2 (Winter Computer School 2010/11) - Codeforces Beta Round #43 (ACM-ICPC Rules)
230 231 232 233 234 235 236 237 238 240 241 242 243 244 245 246 247 248 249	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls Martian Colony Alternative Reality Goat in the Garden 6 Planar Graph Emperor's Problem Plane of Tanks	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2) Codeforces Round #109 (Div. 1) Codeforces Beta Round #90 Codeforces Beta Round #38 (Div. 1) School Personal Contest #2 (Winter Computer School 2010/11) - Codeforces Beta Round #43 (ACM-ICPC Rules) Codeforces Beta Round #66
230 231 232 233 234 235 236 237 238 240 241 242 243 244 245 246 247 248 249 250 251	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls Martian Colony Alternative Reality Goat in the Garden 6 Planar Graph Emperor's Problem Plane of Tanks Gena and Second Distance	Categories	Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Ovi. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2) Codeforces Round #109 (Div. 1) Codeforces Beta Round #90 Codeforces Beta Round #38 (Div. 1) School Personal Contest #2 (Winter Computer School 2010/11) - Codeforces Beta Round #43 (ACM-ICPC Rules) Codeforces Beta Round #66 Codeforces Round #253 (Div. 1)
230 231 232 233 234 235 236 237 238 240 241 242 243 244 245 246 247 248 249	Polygon Contact Cubes Mobile Life Help Greg the Dwarf 2 Spectator Riots Darts Gears Hongcow Draws a Circle Spider DravDe saves the world Tennis Rackets BerPaint Playing the ball Looking for Owls Martian Colony Alternative Reality Goat in the Garden 6 Planar Graph Emperor's Problem Plane of Tanks	Categories	Codeforces Codeforces Codeforces Timus Codeforces	Testing Round #6 Codeforces Beta Round #62 Codeforces Round #150 (Div. 1) Codeforces Round #102 (Div. 1) Bubble Cup 8 - Finals [Online Mirror] Codeforces Beta Round #83 (Div. 1 Only) Codeforces Round #283 (Div. 1) Codeforces Round #385 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Round #138 (Div. 1) Codeforces Beta Round #28 (Codeforces format) Croc Champ 2013 - Finals (online version, Div. 1) School Team Contest #2 (Winter Computer School 2010/11) Coder-Strike 2014 - Finals (online edition, Div. 1) Codeforces Round #203 (Div. 2) Codeforces Round #109 (Div. 1) Codeforces Beta Round #90 Codeforces Beta Round #38 (Div. 1) School Personal Contest #2 (Winter Computer School 2010/11) - Codeforces Beta Round #43 (ACM-ICPC Rules) Codeforces Beta Round #66

 $A2OJ @ Copyright \ 2010-2019 \ Ahmed \ Aly \ All \ Rights \ Reserved. \ A2OJ \ uses \ Sphere \ Engine^{\intercal M} @ \ by \ Sphere \ Research \ Labs.$

