



A² Online Judge » by [Ahmed Aly](#)

Sponsored by [Coach Academy](#) & [ACPC](#)

[akifislam](#) - [My Account](#) - [My Contests](#) - [Sign Out](#)

Contests

Ladders

Problems

Status

Categories

Groups

More ▾

About

math problems

Search in :

Search for :

Add the selected problem to this category

You solved 44 problems out of 683 (6.44%), and your score is 1.51/100.

The score = $100 * (\text{sum of solved problems difficulty levels} / \text{the same sum of all problems})$.

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
1	Divisibility by Eight	Categories	Codeforces	Codeforces Round #306 (Div. 2)	1	No
2	Lovely Palindromes	Categories	Codeforces	Codeforces Round #360 (Div. 2)	1	Yes
3	Young Physicist	Categories	Codeforces	Codeforces Beta Round #63 (Div. 2)	1	Yes
4	Hungry Sequence	Categories	Codeforces	Codeforces Round #191 (Div. 2)	1	Yes
5	Drazil and Factorial	Categories	Codeforces	Codeforces Round #292 (Div. 2) & Codeforces Round #292 (Div. 1)	1	No
6	Chips	Categories	Codeforces	Codeforces Beta Round #75 (Div. 2 Only)	1	Yes
7	Shaass and Oskols	Categories	Codeforces	Codeforces Round #178 (Div. 2)	1	No
8	Calculating Function	Categories	Codeforces	Codeforces Round #277 (Div. 2)	1	Yes
9	Sasha and Sticks	Categories	Codeforces	Codeforces Round #425 (Div. 2)	1	No
10	Salary with Bonus	Categories	URI		1	No
11	MUH and Sticks	Categories	Codeforces	Codeforces Round #269 (Div. 2)	1	Yes
12	Play with Dates	Categories	SPOJ		1	No
13	Pasha and Stick	Categories	Codeforces	Codeforces Round #337 (Div. 2)	1	Yes
14	Amr and Pins	Categories	Codeforces	Codeforces Round #287 (Div. 2)	1	No
15	The Large Family	Categories	Live Archive 2013	South Pacific	1	No
16	Dreamoon and WiFi	Categories	Codeforces	Codeforces Round #272 (Div. 2)	1	No
17	Little Elephant and Bits	Categories	Codeforces	Codeforces Round #157 (Div. 1) & Codeforces Round #157 (Div. 2)	1	Yes
18	Theatre Square	Categories	Codeforces	Codeforces Beta Round #1	1	Yes
19	Round House	Categories	Codeforces	Codeforces Round #346 (Div. 2)	1	No
20	Elephant	Categories	Codeforces	Codeforces Round #340 (Div. 2)	1	Yes
21	Game	Categories	Codeforces	Rockethon 2015	1	Yes

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
22	Initial Bet	Categories	2007	Codeforces Round #273 (Div. 2)	1	Yes
23	Bachelor Arithmetic	Categories		Live Archive	1	No
24	Save Luke	Categories		Codeforces	1	Yes
25	Array fill I	Categories		URI	1	No
26	Minimum Difficulty	Categories		Codeforces	1	No
27	Prime or Not	Categories		SPOJ	1	No
28	Distance Between Two Points	Categories		URI	1	No
29	Dima and Friends	Categories		Codeforces	1	Yes
30	The Eternal Immortality	Categories		Codeforces Round #167 (Div. 2)	1	No
31	Design Tutorial: Learn from Math	Categories		Codeforces Round #439 (Div. 2)	1	Yes
32	Fraction	Categories		Codeforces	1	No
33	The number of positions	Categories		Codeforces Round #433 (Div. 2, based on Olympiad of Metropolises)	1	Yes
34	New Year Candles	Categories		Codeforces Beta Round #92 (Div. 2 Only)	1	Yes
35	A and B and Team Training	Categories		Good Bye 2013	1	Yes
36	Drinks	Categories		Codeforces Round #294 (Div. 2)	1	Yes
37	Triangle	Categories		Codeforces Round #126 (Div. 2)	1	No
38	Panoramix's Prediction	Categories		Codeforces Beta Round #6 (Div. 2 Only)	1	Yes
39	Playing With Balls	Categories		SPOJ	1	No
40	I'm bored with life	Categories		Codeforces Beta Round #69 (Div. 2 Only)	1	No
41	Difference	Categories		Codeforces Round #422 (Div. 2)	1	No
42	FANCY NUMBERS	Categories		URI	1	No
43	Lucky Numbers	Categories		SPOJ	1	No
44	Playing with Paper	Categories		Experimental Educational Round: VolBIT Formulas Blitz	1	No
45	The Monster	Categories		Codeforces Round #296 (Div. 2)	1	No
46	Vanya and Lanterns	Categories		Codeforces Round #406 (Div. 2)	1	Yes
47	Gerald's Hexagon	Categories		Codeforces Round #280 (Div. 2)	1	No
48	Anastasia and pebbles	Categories		Codeforces Round #313 (Div. 1) & Codeforces Round #313 (Div. 2)	1	No
49	Perfect Permutation	Categories		Codeforces Round #407 (Div. 2)	1	Yes
50	Spreadsheet	Categories		Codeforces Round #144 (Div. 2)	1	No
51	Clock Hands	Categories		Codeforces Beta Round #1	1	No
52	Professor GukiZ's Robot	Categories		UVA	1	Yes
53	Two Buttons	Categories		Educational Codeforces Round 6	1	Yes
54	Olesya and Rodion	Categories		Codeforces Round #295 (Div. 2)	1	Yes
55	Roommate Agreement	Categories		Codeforces Round #324 (Div. 2)	1	No
56	Time Conversion	Categories		SPOJ	1	No
57	Vanya and Table	Categories		URI	1	No
58	Taymyr is calling you	Categories		Codeforces Round #308 (Div. 2)	1	Yes
59	Simple Math	Categories		Codeforces Round #395 (Div. 2)	1	No
60	Dragons	Categories		A2 Online Judge	1	Yes
61	Cut Ribbon	Categories		Codeforces Round #142 (Div. 2)	1	No
				Codeforces Round #119 (Div. 2)		

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
62	Complicated GCD	Categories	Codeforces	Codeforces Round #347 (Div. 2)	1	No
63	Fibonacci Numbers	Categories	TJU		1	No
64	Average 2	Categories	URI		1	No
65	GCD	Categories	UVA		1	No
66	Why this kolaveri di	Categories	SPOJ		1	No
67	Insomnia cure	Categories	Codeforces	Codeforces Round #105 (Div. 2)	1	Yes
68	Prime Generator	Categories	SPOJ		1	No
69	Add them twice	Categories	A2 Online Judge		1	No
70	Fancy Fence	Categories	Codeforces	Codeforces Round #165 (Div. 2)	1	Yes
71	Jeff and Digits	Categories	Codeforces	Codeforces Round #204 (Div. 2)	1	No
72	Vanya and Books	Categories	Codeforces	Codeforces Round #308 (Div. 2)	1	No
73	Carmichael Numbers	Categories	UVA		1	No
74	Han Solo and Lazer Gun	Categories	Codeforces	Codeforces Round #291 (Div. 2)	1	No
75	Simple Equations	Categories	UVA		1	No
76	Fox and Number Game	Categories	Codeforces	Codeforces Round #228 (Div. 2)	1	No
77	Add Two numbers	Categories	A2 Online Judge		1	No
78	Sphere	Categories	URI		1	No
79	HOW MANY GAMES	Categories	SPOJ		1	No
80	Fedya and Maths	Categories	Codeforces	Codeforces Round #260 (Div. 2)	1	No
81	Bachgold Problem	Categories	Codeforces	Codeforces Round #388 (Div. 2)	1	Yes
82	Wizards' Duel	Categories	Codeforces	Codeforces Round #327 (Div. 2)	1	No
83	Cifera	Categories	Codeforces	Codeforces Beta Round #86 (Div. 2 Only)	1	No
84	Die Roll	Categories	Codeforces	Codeforces Beta Round #9 (Div. 2 Only)	1	Yes
85	Kyoya and Photobooks	Categories	Codeforces	Codeforces Round #309 (Div. 2)	1	No
86	Buttons	Categories	Codeforces	Codeforces Round #164 (Div. 2)	1	Yes
87	Soldier and Bananas	Categories	Codeforces	Codeforces Round #304 (Div. 2)	1	Yes
88	Toy Army	Categories	Codeforces	Codeforces Beta Round #72 (Div. 2 Only)	1	No
89	Even Odds	Categories	Codeforces	Codeforces Round #188 (Div. 2)	1	Yes
90	Simple Product	Categories	URI		1	No
91	Domino piling	Categories	Codeforces	Codeforces Beta Round #47	1	Yes
92	To Carry or not to Carry	Categories	UVA		1	No
93	Vasya and Petya's Game	Categories	Codeforces	Codeforces Round #319 (Div. 1) & Codeforces Round #319 (Div. 2)	1	No
94	Random Teams	Categories	Codeforces	Codeforces Round #273 (Div. 2)	1	No
95	Factorial Frequencies	Categories	UVA		1	No
96	Godsend	Categories	Codeforces	Codeforces Round #429 (Div. 2)	1	No
97	N-Factorful	Categories	SPOJ		1	No
98	Duff in Love	Categories	Codeforces	Codeforces Round #326 (Div. 2)	1	No
99	Watchmen	Categories	Codeforces	Codeforces Round #345 (Div. 1) & Codeforces Round #345 (Div. 2)	1	No
100	Domino	Categories	Codeforces	Codeforces Round #205 (Div. 2)	1	No
101	Jzzhu and Sequences	Categories	Codeforces	Codeforces Round #257 (Div. 2)	1	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
102	Arpa's hard exam and Mehrdad's naive cheat	Categories	Codeforces	Codeforces Round #383 (Div. 2)	1	Yes
103	Drazil and Date	Categories	Codeforces	Codeforces Round #292 (Div. 2)	1	No
104	Parallelepiped	Categories	Codeforces	Codeforces Round #138 (Div. 2)	1	Yes
105	Soldier and Cards	Categories	Codeforces	Codeforces Round #304 (Div. 2)	1	No
106	Simple Calculate	Categories	URI		1	No
107	Watermelon	Categories	Codeforces	Codeforces Beta Round #4 (Div. 2 Only)	1	Yes
108	Hello	Categories	A2 Online Judge		1	No
109	Area	Categories	URI		1	No
110	Contest Hall Preparation	Categories	A2 Online Judge		1	No
111	Tetrahedron	Categories	Codeforces	Codeforces Round #113 (Div. 2)	1	No
112	Touch of Venom	Categories	SPOJ		1	No
113	Prime Distance	Categories	UVA		1	No
114	The Monster and the Squirrel	Categories	Codeforces	Codeforces Round #328 (Div. 2)	1	No
115	Simple Game	Categories	Codeforces	Codeforces Round #316 (Div. 2)	1	No
116	Dreamoon and Stairs	Categories	Codeforces	Codeforces Round #272 (Div. 2)	1	Yes
117	T-primes	Categories	Codeforces	Codeforces Round #142 (Div. 2)	1	No
118	Hashmat the Brave Warrior	Categories	UVA		1	No
119	Maximum Clique	Categories	ZOJ		1	No
120	Double Cola	Categories	Codeforces	Yandex.Algorithm 2011 Qualification 2	1	Yes
121	Caisa and Pylons	Categories	Codeforces	Codeforces Round #264 (Div. 2)	1	No
122	Infinite Sequence	Categories	Codeforces	Codeforces Round #353 (Div. 2)	1	No
123	Vanya and Cards	Categories	Codeforces	Codeforces Round #235 (Div. 2)	1	No
124	Simple Sum	Categories	URI		1	No
125	Relational Operator	Categories	UVA		1	No
126	Tricky Sum	Categories	Codeforces	Educational Codeforces Round 1	1	No
127	Expression	Categories	Codeforces	Codeforces Round #274 (Div. 2)	1	Yes
128	DDD	Categories	URI		1	No
129	Fuel Spent	Categories	URI		1	No
130	Meeting of Old Friends	Categories	Codeforces	Codeforces Round #371 (Div. 2)	1	No
131	Matrix Multiplication	Categories	PKU		2	No
132	Mafia	Categories	Codeforces	Codeforces Round #202 (Div. 1) & Codeforces Round #202 (Div. 2)	2	No
133	Arpa's obvious problem and Mehrdad's terrible solution	Categories	Codeforces	Codeforces Round #383 (Div. 2)	2	No
134	Ebony and Ivory	Categories	Codeforces	Manthan, Codefest 16	2	No
135	Little Artem and Presents	Categories	Codeforces	Codeforces Round #348 (VK Cup 2016 Round 2, Div. 2 Edition)	2	No
136	Coconuts, Revisited	Categories	UVA		2	No
137	Pride	Categories	Codeforces	Codeforces Round #446 (Div. 1) & Codeforces Round #446 (Div. 2)	2	No
138	Rational Resistance	Categories	Codeforces	Codeforces Round #200 (Div. 1) & Codeforces Round #200 (Div. 2)	2	No
139	Two Bags of Potatoes	Categories	Codeforces	Codeforces Round #148 (Div. 2)	2	Yes

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
140	Position in Fraction	Categories	Codeforces	Codeforces Round #450 (Div. 2)	2	No
141	Fixed Points	Categories	Codeforces	Codeforces Round #201 (Div. 2)	2	No
142	Vasily the Bear and Triangle	Categories	Codeforces	Codeforces Round #195 (Div. 2)	2	No
143	Little Elephant and Magic Square	Categories	Codeforces	Codeforces Round #157 (Div. 2)	2	No
144	Little Dima and Equation	Categories	Codeforces	Codeforces Round #262 (Div. 2)	2	No
145	Pythagorean Triples	Categories	Codeforces	Codeforces Round #368 (Div. 2)	2	No
146	Brazil and His Happy Friends	Categories	Codeforces	Codeforces Round #292 (Div. 1) & Codeforces Round #292 (Div. 2) & Codeforces Round #292 (Div. 1) & Codeforces Round #292 (Div. 2)	2	No
147	Searching the Graph	Categories	SPOJ Poland		2	No
148	Kyoya and Colored Balls	Categories	Codeforces	Codeforces Round #309 (Div. 1) & Codeforces Round #309 (Div. 2)	2	No
149	Yaroslav and Permutations	Categories	Codeforces	Codeforces Round #179 (Div. 2)	2	Yes
150	Taxes	Categories	Codeforces	Codeforces Round #382 (Div. 2) & Codeforces Round #382 (Div. 1)	2	No
151	The Alphabet Sticker	Categories	A2 Online Judge		2	No
152	Opposites Attract	Categories	Codeforces	Codeforces Beta Round #95 (Div. 2)	2	No
153	Simple Addition	Categories	UVA		2	No
154	Simple Molecules	Categories	Codeforces	Codeforces Round #200 (Div. 2)	2	No
155	Help Vasilisa the Wise 2	Categories	Codeforces	Codeforces Round #102 (Div. 2)	2	No
156	Marbles	Categories	UVA		2	No
157	24 Game	Categories	Codeforces	Codeforces Round #268 (Div. 1) & Codeforces Round #268 (Div. 2)	2	No
158	Adding Digits	Categories	Codeforces	Codeforces Round #158 (Div. 2)	2	No
159	Hexadecimal's Numbers	Categories	Codeforces	Codeforces Beta Round #9 (Div. 2 Only)	2	No
160	Tourist's Notes	Categories	Codeforces	Codeforces Round #300	2	No
161	Little Elephant and Function	Categories	Codeforces	Codeforces Round #136 (Div. 2)	2	No
162	Leha and Function	Categories	Codeforces	Codeforces Round #429 (Div. 1) & Codeforces Round #429 (Div. 2)	2	No
163	Another Problem on Strings	Categories	Codeforces	Codeforces Round #112 (Div. 2)	2	No
164	EVEN COUNT	Categories	SPOJ		2	No
165	The Wall	Categories	Codeforces	Codeforces Round #198 (Div. 2)	2	No
166	Vladik and fractions	Categories	Codeforces	Codeforces Round #384 (Div. 2)	2	No
167	Increase and Decrease	Categories	Codeforces	Codeforces Round #151 (Div. 2)	2	No
168	Alice and Bob	Categories	Codeforces	Codeforces Round #201 (Div. 1) & Codeforces Round #201 (Div. 2)	2	No
169	Painting Eggs	Categories	Codeforces	Codeforces Round #173 (Div. 2)	2	No
170	Tennis Championship	Categories	Codeforces	Codeforces Round #382 (Div. 2) & Codeforces Round #382 (Div. 1)	2	No
171	Hexagons!	Categories	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz	2	No
172	Okabe and Banana Trees	Categories	Codeforces	Codeforces Round #420 (Div. 2)	2	No
173	The World is a Theatre	Categories	Codeforces	Codeforces Beta Round #95 (Div. 2)	2	No
174	Bear and Strings	Categories	Codeforces	Codeforces Round #226 (Div. 2)	2	No
175	Lever	Categories	Codeforces	Codeforces Round #221 (Div. 2)	2	No
176	Straight <<A>>	Categories	Codeforces	Codeforces Round #415 (Div. 2)	2	No
177	Anton and Fairy Tale	Categories	Codeforces	Codeforces Round #404 (Div. 2)	2	No
178	Vanya and Food Processor	Categories	Codeforces	Codeforces Round #355 (Div. 2)	2	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved	
179	Ciel and Flowers	Categories	Codeforces	Codeforces Round #190 (Div. 2)	2	No	
180	Frugal Search	Categories	Live Archive	2006	North America - Mid-Central USA	2	No
181	New Year Permutation	Categories	Codeforces	Good Bye 2014	2	No	
182	Triangular numbers	Categories	Codeforces	Codeforces Beta Round #44 (Div. 2)	2	No	
183	Hacking Cypher	Categories	Codeforces	Codeforces Round #279 (Div. 2)	2	No	
184	Archer	Categories	Codeforces	Codeforces Round #185 (Div. 2)	2	No	
185	Queries on a String	Categories	Codeforces	Educational Codeforces Round 1	2	No	
186	GCD Table	Categories	Codeforces	Codeforces Round #323 (Div. 1) & Codeforces Round #323 (Div. 2)	2	No	
187	GRADE POINT AVERAGE	Categories	SPOJ		2	No	
188	Covered Path	Categories	Codeforces	Codeforces Round #298 (Div. 2)	2	No	
189	Restoring Painting	Categories	Codeforces	Codeforces Round #353 (Div. 2)	2	No	
190	Prime Matrix	Categories	Codeforces	Codeforces Round #166 (Div. 2)	2	No	
191	Infinite Sequence	Categories	Codeforces	Educational Codeforces Round 7	2	No	
192	Pouring Rain	Categories	Codeforces	Codeforces Round #349 (Div. 2)	2	No	
193	Saitama Destroys Hotel	Categories	Codeforces	Codeforces Round #336 (Div. 2)	2	No	
194	New Year Book Reading	Categories	Codeforces	Good Bye 2014	2	No	
195	Factory	Categories	Codeforces	Codeforces Round #276 (Div. 2)	2	No	
196	Mishka and trip	Categories	Codeforces	Codeforces Round #365 (Div. 2)	2	No	
197	Permutations	Categories	UVA		2	No	
198	Soldier and Number Game	Categories	Codeforces	Codeforces Round #304 (Div. 2)	2	No	
199	Faulty Odometer	Categories	TJU		2	No	
200	PRIMITIVEROOTS	Categories	SPOJ		2	No	
201	Divisibility	Categories	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz	2	No	
202	Plus and Square Root	Categories	Codeforces	Codeforces Round #372 (Div. 1) & Codeforces Round #372 (Div. 2)	2	No	
203	Noldbach problem	Categories	Codeforces	Codeforces Beta Round #17	3	No	
204	Primes or Palindromes?	Categories	Codeforces	Codeforces Round #315 (Div. 1) & Codeforces Round #315 (Div. 2)	3	No	
205	Quiz	Categories	Codeforces	Codeforces Round #196 (Div. 2) & Codeforces Round #196 (Div. 1)	3	No	
206	Moore's Law	Categories	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz	3	No	
207	Easy Sum-2	Categories	A2 Online Judge		3	No	
208	Geometry Problem	Categories	Live Archive	2009	Asia - Amritapuri	3	No
209	Azooz	Categories	SPOJ		3	No	
210	Masha and geometric depression	Categories	Codeforces	Codeforces Round #407 (Div. 2)	3	No	
211	Catch Me If You Can	Categories	SPOJ		3	No	
212	Sereja and Contests	Categories	Codeforces	Codeforces Round #235 (Div. 2)	3	No	
213	Do you want a date?	Categories	Codeforces	Codeforces Round #415 (Div. 1) & Codeforces Round #415 (Div. 2)	3	No	
214	FUN WITH LETTERS	Categories	SPOJ		3	No	
215	Ternary Logic	Categories	Codeforces	Codeforces Beta Round #97 (Div. 2)	3	No	
216	Rook, Bishop and King	Categories	Codeforces	Codeforces Round #217 (Div. 2)	3	No	
217	Tiling with Hexagons	Categories	Codeforces	Codeforces Round #133 (Div. 2)	3	No	

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
218	Unusual Product	Categories	Codeforces	Codeforces Round #238 (Div. 2) & Codeforces Round #238 (Div. 1)	3	No
219	A Trivial Problem	Categories	Codeforces	Manthan, Codefest 16	3	No
220	Replace To Make Regular Bracket Sequence	Categories	Codeforces	Educational Codeforces Round 4	3	No
221	Guess Your Way Out!	Categories	Codeforces	Codeforces Round #287 (Div. 2)	3	No
222	Burger	Categories	UVA		3	No
223	Dreamoon and Sums	Categories	Codeforces	Codeforces Round #272 (Div. 2) & Codeforces Round #272 (Div. 1)	3	No
224	Numbers	Categories	Codeforces	Codeforces Beta Round #13	3	No
225	Powerful array	Categories	Codeforces	Yandex.Algorithm 2011 Round 2	3	No
226	Jzzhu and Chocolate	Categories	Codeforces	Codeforces Round #257 (Div. 1) & Codeforces Round #257 (Div. 2)	3	No
227	Bicycle Race	Categories	Codeforces	Codeforces Round #346 (Div. 2)	3	No
228	LUCKYNINE	Categories	SPOJ		3	No
229	Robbers' watch	Categories	Codeforces	Codeforces Round #359 (Div. 1) & Codeforces Round #359 (Div. 2)	3	No
230	Guest From the Past	Categories	Codeforces	Codeforces Round #342 (Div. 2)	3	No
231	Maximum Value	Categories	Codeforces	Codeforces Round #276 (Div. 1) & Codeforces Round #276 (Div. 2)	3	No
232	Modular Equations	Categories	Codeforces	Codeforces Round #282 (Div. 2)	3	No
233	Vasya and Robot	Categories	Codeforces	Codeforces Round #206 (Div. 1) & Codeforces Round #206 (Div. 2)	3	No
234	Common Divisors	Categories	Codeforces	Codeforces Round #117 (Div. 2)	3	No
235	Pashmak and Buses	Categories	Codeforces	Codeforces Round #261 (Div. 2)	3	No
236	Testing Pants for Sadness	Categories	Codeforces	Codeforces Beta Round #80 (Div. 1 Only) & Codeforces Beta Round #80 (Div. 2 Only)	3	No
237	Andrey and Problem	Categories	Codeforces	Codeforces Round #253 (Div. 1) & Codeforces Round #253 (Div. 2)	3	No
238	Exams	Categories	Codeforces	Codeforces Round #122 (Div. 2)	3	No
239	Mashmokh and Tokens	Categories	Codeforces	Codeforces Round #240 (Div. 2)	3	No
240	N - DIGIT NUMBERS	Categories	SPOJ		3	No
241	Levko and Permutation	Categories	Codeforces	Codeforces Round #210 (Div. 2)	3	No
242	Non-square Equation	Categories	Codeforces	Codeforces Round #144 (Div. 2)	3	No
243	The least round way	Categories	Codeforces	Codeforces Beta Round #2	3	No
244	Plant	Categories	Codeforces	Codeforces Round #118 (Div. 1) & Codeforces Round #118 (Div. 2)	3	No
245	Nuts	Categories	Codeforces	Codeforces Round #236 (Div. 2)	3	No
246	Pythagorean Theorem II	Categories	Codeforces	Codeforces Round #183 (Div. 2)	3	Yes
247	Simple Arithmetics	Categories	Live Archive	Europe - Central	3	No
248	Valera and Contest	Categories	Codeforces	Codeforces Round #216 (Div. 2)	3	No
249	The Meaningless Game	Categories	Codeforces	Codeforces Round #426 (Div. 1) & Codeforces Round #426 (Div. 2)	3	No
250	Median	Categories	Codeforces	Codeforces Round #113 (Div. 2)	3	No
251	New Year Table	Categories	Codeforces	Codeforces Round #100	3	No
252	DNA Alignment	Categories	Codeforces	Codeforces Round #295 (Div. 2) & Codeforces Round #295 (Div. 1)	3	No
253	Arpa and an exam about geometry	Categories	Codeforces	Codeforces Round #432 (Div. 2, based on IndiaHacks Final Round 2017)	3	No
254	Music	Categories	Codeforces	Codeforces Round #315 (Div. 2)	3	No
255	XOR and OR	Categories	Codeforces	Codeforces Round #173 (Div. 2)	3	No
256	Arpa's loud Owf and Mehrdad's evil plan	Categories	Codeforces	Codeforces Round #383 (Div. 1) & Codeforces Round #383 (Div. 2)	3	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
257	Year of University Entrance	Categories	Codeforces	VK Cup 2017 - Qualification 1	3	No
258	Lucky Permutation Triple	Categories	Codeforces	Codeforces Round #183 (Div. 1) & Codeforces Round #183 (Div. 2)	3	No
259	ZEROES IN RANGE V2	Categories	SPOJ		3	No
260	Bear and Prime Numbers	Categories	Codeforces	Codeforces Round #226 (Div. 2)	3	No
261	Polynomial-time Reductions	Categories	Live Archive	2008 Asia - Hefei	3	No
262	Routine Problem	Categories	Codeforces	Codeforces Round #196 (Div. 2)	3	No
263	Memory and De-Evolution	Categories	Codeforces	Codeforces Round #370 (Div. 2)	3	No
264	Vanya and Scales	Categories	Codeforces	Codeforces Round #308 (Div. 2)	3	No
265	Fox Dividing Cheese	Categories	Codeforces	Codeforces Round #218 (Div. 2)	3	No
266	K-Periodic Array	Categories	Codeforces	Codeforces Round #218 (Div. 2)	3	No
267	Little Girl and Maximum XOR	Categories	Codeforces	Codeforces Round #169 (Div. 2)	3	No
268	Vasya and the Bus	Categories	Codeforces	Codeforces Round #120 (Div. 2)	3	No
269	Triangle	Categories	Codeforces	Codeforces Round #239 (Div. 1) & Codeforces Round #239 (Div. 2)	3	No
270	Permutation	Categories	Codeforces	Codeforces Round #209 (Div. 2)	3	No
271	Increasing Sequence	Categories	Codeforces	Codeforces Beta Round #11	3	No
272	Let's Watch Football	Categories	Codeforces	Codeforces Round #123 (Div. 2)	3	No
273	Polycarpus' Dice	Categories	Codeforces	Codeforces Round #298 (Div. 2)	3	No
274	SPIRAL RUN	Categories	SPOJ		3	No
275	Cows and Primitive Roots	Categories	Codeforces	Codeforces Round #174 (Div. 2)	3	No
276	A Problem about Polyline	Categories	Codeforces	Codeforces Round #320 (Div. 1) [Bayan Thanks-Round] & Codeforces Round #320 (Div. 2) [Bayan Thanks-Round]	3	No
277	Olympic Medal	Categories	Codeforces	Codeforces Round #132 (Div. 2)	4	No
278	MUH and House of Cards	Categories	Codeforces	Codeforces Round #269 (Div. 2)	4	No
279	Predict Outcome of the Game	Categories	Codeforces	Codeforces Round #258 (Div. 2)	4	No
280	Om Nom and Spiders	Categories	Codeforces	Zepto Code Rush 2014	4	No
281	Marathon	Categories	Codeforces	Codeforces Round #237 (Div. 2)	4	No
282	Ilya And The Tree	Categories	Codeforces	Codeforces Round #430 (Div. 2)	4	No
283	Alternating Sum	Categories	Codeforces	Tinkoff Internship Warmup Round 2018 and Codeforces Round #475 (Div. 1) & Tinkoff Internship Warmup Round 2018 and Codeforces Round #475 (Div. 2)	4	No
284	About Bacteria	Categories	Codeforces	Codeforces Round #125 (Div. 1) & Codeforces Round #125 (Div. 2)	4	No
285	Vanya and Triangles	Categories	Codeforces	Codeforces Round #308 (Div. 2)	4	No
286	Division into Teams	Categories	Codeforces	Codeforces Round #106 (Div. 2)	4	No
287	The Big Race	Categories	Codeforces	Codeforces Round #328 (Div. 2)	4	No
288	Remainders Game	Categories	Codeforces	Codeforces Round #360 (Div. 1) & Codeforces Round #360 (Div. 2)	4	No
289	Magical Array	Categories	Codeforces	Codeforces Beta Round #72 (Div. 1 Only) & Codeforces Beta Round #72 (Div. 2 Only)	4	No
290	Wonder Room	Categories	Codeforces	Codeforces Round #266 (Div. 2)	4	No
291	Ancient Berland Circus	Categories	Codeforces	Codeforces Beta Round #1	4	No
292	After Training	Categories	Codeforces	Codeforces Round #123 (Div. 2)	4	No
293	Indivisibility	Categories	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz	4	No
294	Tavas and Karafs	Categories	Codeforces	Codeforces Round #299 (Div. 2) & Codeforces Round #299 (Div. 1)	4	No
295	Magic Formulas	Categories	Codeforces	Codeforces Round #242 (Div. 2)	4	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
296	Ciel and Robot	Categories	Codeforces	Codeforces Round #190 (Div. 1) & Codeforces Round #190 (Div. 2)	4	No
297	Spongebob and Squares	Categories	Codeforces	Codeforces Round #332 (Div. 2)	4	No
298	Three Logos	Categories	Codeforces	Codeforces Round #322 (Div. 2)	4	No
299	Friends and Presents	Categories	Codeforces	Codeforces Round #275 (Div. 2)	4	No
300	Find Pair	Categories	Codeforces	Codeforces Round #111 (Div. 2)	4	No
301	Round Table Knights	Categories	Codeforces	Codeforces Beta Round #65 (Div. 2)	4	No
302	Find Maximum	Categories	Codeforces	Codeforces Round #205 (Div. 2)	4	No
303	Count Good Substrings	Categories	Codeforces	Codeforces Round #258 (Div. 2)	4	No
304	Magic Five	Categories	Codeforces	Codeforces Round #191 (Div. 2)	4	No
305	Marco and GCD Sequence	Categories	Codeforces	Codeforces Round #447 (Div. 2)	4	No
306	Flying Saucer Segments	Categories	Codeforces	Codeforces Round #140 (Div. 1) & Codeforces Round #140 (Div. 2)	4	No
307	Binary Number	Categories	Codeforces	Codeforces Beta Round #75 (Div. 2 Only)	4	No
308	Rebus	Categories	Codeforces	Codeforces Round #347 (Div. 1) & Codeforces Round #347 (Div. 2)	4	No
309	Chilly Willy	Categories	Codeforces	Codeforces Round #152 (Div. 2)	4	No
310	Quantity of Strings	Categories	Codeforces	Codeforces Round #107 (Div. 1) & Codeforces Round #107 (Div. 2)	4	No
311	Petya and Square	Categories	Codeforces	Codeforces Beta Round #85 (Div. 2 Only)	4	No
312	Pair of Numbers	Categories	Codeforces	Codeforces Round #209 (Div. 2)	4	No
313	Magical Boxes	Categories	Codeforces	Codeforces Round #165 (Div. 1) & Codeforces Round #165 (Div. 2)	4	No
314	Mischievous Mess Makers	Categories	Codeforces	CROC 2016 - Elimination Round	4	No
315	Jeff and Rounding	Categories	Codeforces	Codeforces Round #204 (Div. 1) & Codeforces Round #204 (Div. 2)	4	No
316	Mike and Chocolate Thieves	Categories	Codeforces	Codeforces Round #361 (Div. 2)	4	No
317	Permutations	Categories	Codeforces	Rockethon 2015	4	No
318	Dima and Sequence	Categories	Codeforces	Codeforces Round #167 (Div. 2)	4	No
319	Toy Sum	Categories	Codeforces	Codeforces Round #238 (Div. 2) & Codeforces Round #238 (Div. 1)	4	No
320	Directed Roads	Categories	Codeforces	Codeforces Round #369 (Div. 2)	4	No
321	Depression	Categories	Codeforces	Codeforces Beta Round #69 (Div. 2 Only)	4	No
322	Multipliers	Categories	Codeforces	Codeforces Round #338 (Div. 2)	4	No
323	Pasha and Phone	Categories	Codeforces	Codeforces Round #330 (Div. 2)	4	No
324	Vanya and Computer Game	Categories	Codeforces	Codeforces Round #280 (Div. 2)	4	No
325	Lucky Permutation	Categories	Codeforces	Codeforces Round #176 (Div. 1) & Codeforces Round #176 (Div. 2)	4	No
326	Dreamoon and Sets	Categories	Codeforces	Codeforces Round #272 (Div. 2) & Codeforces Round #272 (Div. 1)	4	No
327	Cylinder	Categories	UVA		4	No
328	Elevator	Categories	Codeforces	School Regional Team Contest, Saratov, 2011	4	No
329	Gerald and Giant Chess	Categories	Codeforces	Codeforces Round #313 (Div. 1) & Codeforces Round #313 (Div. 2)	4	No
330	Forecast	Categories	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz	4	No
331	Plate Game	Categories	Codeforces	Codeforces Round #124 (Div. 2)	4	No
332	Trains	Categories	Codeforces	Codeforces Beta Round #73 (Div. 1 Only) & Codeforces Beta Round #73 (Div. 2 Only)	4	No
333	Face the mate	Categories	SPOJ		4	No
334	Points and Powers of Two	Categories	Codeforces	Codeforces Round #486 (Div. 3)	4	No
335	Subtractions	Categories	Codeforces	Codeforces Testing Round #5	4	No
336	Tourist Problem	Categories	Codeforces	Codeforces Round #198 (Div. 2) & Codeforces Round #198 (Div. 1)	4	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
337	Escape	Categories	Codeforces	Codeforces Round #105 (Div. 2)	4	No
338	Divisible by Seven	Categories	Codeforces	Codeforces Round #221 (Div. 1) & Codeforces Round #221 (Div. 2)	4	No
339	Ralph And His Magic Field	Categories	Codeforces	Codeforces Round #447 (Div. 2)	4	No
340	Counting Rhombi	Categories	Codeforces	Codeforces Round #119 (Div. 2)	4	No
341	DZY Loves Physics	Categories	Codeforces	Codeforces Round #254 (Div. 1) & Codeforces Round #254 (Div. 2)	4	No
342	Square	Categories	Codeforces	Codeforces Round #122 (Div. 2)	4	No
343	Weird Fence	Categories	UVA		4	No
344	Inna and Huge Candy Matrix	Categories	Codeforces	Codeforces Round #234 (Div. 2)	4	No
345	Colliders	Categories	Codeforces	Codeforces Round #109 (Div. 1) & Codeforces Round #109 (Div. 2)	4	No
346	Cookies	Categories	Codeforces	Codeforces Beta Round #64	4	No
347	Divisibility	Categories	Codeforces	Testing Round #12	4	No
348	Two Semiknights Meet	Categories	Codeforces	Codeforces Round #212 (Div. 2)	4	No
349	View Angle	Categories	Codeforces	Codeforces Round #159 (Div. 2)	4	No
350	Winnie-the-Pooh and honey	Categories	Codeforces	School Regional Team Contest, Saratov, 2011	4	No
351	Limit	Categories	Codeforces	Codeforces Round #124 (Div. 2)	4	No
352	Cableway	Categories	Codeforces	Codeforces Beta Round #74 (Div. 2 Only)	4	No
353	As Fast As Possible	Categories	Codeforces	Codeforces Round #364 (Div. 1) & Codeforces Round #364 (Div. 2)	4	No
354	Hopscotch	Categories	Codeforces	Codeforces Round #101 (Div. 2)	4	No
355	XOR Equation	Categories	Codeforces	8VC Venture Cup 2016 - Final Round	4	No
356	Homework	Categories	Codeforces	Codeforces Round #131 (Div. 2)	4	No
357	Bag of mice	Categories	Codeforces	Codeforces Round #105 (Div. 2)	4	No
358	The Intriguing Obsession	Categories	Codeforces	Codeforces Round #439 (Div. 2)	4	No
359	A Student's Dream	Categories	Codeforces	Codeforces Beta Round #58	4	No
360	Fox And Jumping	Categories	Codeforces	Codeforces Round #290 (Div. 2) & Codeforces Round #290 (Div. 1)	4	No
361	Progress Bar	Categories	Codeforces	Codeforces Beta Round #65 (Div. 2)	4	No
362	Pipeline	Categories	Codeforces	Codeforces Round #176 (Div. 2)	4	No
363	Two Heaps	Categories	Codeforces	Codeforces Round #205 (Div. 2)	5	No
364	Not Wool Sequences	Categories	Codeforces	Codeforces Round #148 (Div. 1) & Codeforces Round #148 (Div. 2)	5	No
365	Array Game	Categories	Live Archive	2009 Asia - Tehran	5	No
366	Help Farmer	Categories	Codeforces	Codeforces Round #102 (Div. 1) & Codeforces Round #102 (Div. 2)	5	No
367	Om Nom and Candies	Categories	Codeforces	ZeptoLab Code Rush 2015	5	No
368	Careful teacher	Categories	UVA		5	No
369	Lengthening Sticks	Categories	Codeforces	Codeforces Round #317 [AimFund Thanks-Round] (Div. 1) & Codeforces Round #317 [AimFund Thanks-Round] (Div. 2)	5	No
370	Prime Number	Categories	Codeforces	Codeforces Round #209 (Div. 2)	5	No
371	Elevator	Categories	Codeforces	Codeforces Beta Round #88	5	No
372	Chess	Categories	Codeforces	School Personal Contest #1 (Winter Computer School 2010/11) - Codeforces Beta Round #38 (ACM-ICPC Rules)	5	No
373	Jumping Jack	Categories	Codeforces	Codeforces Beta Round #11	5	No
374	Vitaly and Cycle	Categories	Codeforces	Codeforces Round #311 (Div. 2)	5	No
375	Soldier and Traveling	Categories	Codeforces	Codeforces Round #304 (Div. 2)	5	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
376	Anton and School - 2	Categories	Codeforces	Codeforces Round #404 (Div. 2)	5	No
377	Fox and Minimal path	Categories	Codeforces	Codeforces Round #228 (Div. 1) & Codeforces Round #228 (Div. 2)	5	No
378	Polo the Penguin and XOR operation	Categories	Codeforces	Codeforces Round #177 (Div. 1) & Codeforces Round #177 (Div. 2)	5	No
379	Valid Sets	Categories	Codeforces	Codeforces Round #277 (Div. 2)	5	No
380	Symmetric and Transitive	Categories	Codeforces	Codeforces Round #315 (Div. 1) & Codeforces Round #315 (Div. 2)	5	No
381	Sum	Categories	Codeforces	Codeforces Beta Round #46 (Div. 2)	5	No
382	Accounting	Categories	Codeforces	Codeforces Beta Round #30 (Codeforces format)	5	No
383	Cubical Planet	Categories	Codeforces	School Team Contest #1 (Winter Computer School 2010/11)	5	No
384	Mike and Frog	Categories	Codeforces	Codeforces Round #305 (Div. 1) & Codeforces Round #305 (Div. 2)	5	No
385	Falling Anvils	Categories	Codeforces	Codeforces Beta Round #69 (Div. 1 Only) & Codeforces Beta Round #69 (Div. 2 Only)	5	No
386	Winter is here	Categories	Codeforces	Codeforces Round #428 (Div. 2)	5	No
387	Flea travel	Categories	Codeforces	Codeforces Beta Round #51	5	No
388	Modular Arithmetic	Categories	Codeforces	Codeforces Round #334 (Div. 1) & Codeforces Round #334 (Div. 2)	5	No
389	Measuring Lengths in Baden	Categories	Codeforces	Codeforces Testing Round #2	5	No
390	Chip 'n Dale Rescue Rangers	Categories	Codeforces	Codeforces Round #327 (Div. 1) & Codeforces Round #327 (Div. 2)	5	No
391	Equation	Categories	Codeforces	Codeforces Alpha Round #20 (Codeforces format)	5	No
392	Line	Categories	Codeforces	Codeforces Beta Round #7	5	No
393	Kyoya and Permutation	Categories	Codeforces	Codeforces Round #309 (Div. 1) & Codeforces Round #309 (Div. 2)	5	No
394	Fibonacci-ish	Categories	Codeforces	Manthan, Codefest 16	5	No
395	Making Sequences is Fun	Categories	Codeforces	Codeforces Round #219 (Div. 2)	5	No
396	Rock-Paper-Scissors	Categories	Codeforces	Croc Champ 2012 - Round 1	5	No
397	Board Game	Categories	Codeforces	VK Cup 2015 - Round 2 (unofficial online mirror, Div. 1 only)	5	No
398	Petya and His Friends	Categories	Codeforces	Codeforces Beta Round #61 (Div. 2)	5	No
399	Find Color	Categories	Codeforces	Codeforces Beta Round #39	5	No
400	Four Segments	Categories	Codeforces	Codeforces Beta Round #14 (Div. 2)	5	No
401	Fancy Number	Categories	Codeforces	Codeforces Beta Round #89 (Div. 2)	5	No
402	Dima and Two Sequences	Categories	Codeforces	Codeforces Round #167 (Div. 2) & Codeforces Round #167 (Div. 1)	5	No
403	CGCDSSQ	Categories	Codeforces	Bayan 2015 Contest Warm Up	5	No
404	Xenia and Hamming	Categories	Codeforces	Codeforces Round #207 (Div. 1) & Codeforces Round #207 (Div. 2)	5	No
405	Datatypes	Categories	Codeforces	Codeforces Beta Round #83 (Div. 2 Only)	5	No
406	Misha and Permutations Summation	Categories	Codeforces	Codeforces Round #285 (Div. 2) & Codeforces Round #285 (Div. 1)	5	No
407	Clear Symmetry	Categories	Codeforces	Codeforces Round #127 (Div. 1) & Codeforces Round #127 (Div. 2)	5	No
408	N-ARY TREE	Categories	SPOJ		5	No
409	Elimination	Categories	Codeforces	RCC 2014 Warmup (Div. 2)	5	No
410	Pretty Song	Categories	Codeforces	Codeforces Round #289 (Div. 2, ACM ICPC Rules)	5	No
411	Cliques in the Divisibility Graph	Categories	Codeforces	VK Cup 2015 - Finals, online mirror	5	No
412	Degenerate Matrix	Categories	Codeforces	Lookery Cup 2015	5	No
413	Colorful Field	Categories	Codeforces	Codeforces Beta Round #71	5	No
414	Ryouko's Memory Note	Categories	Codeforces	Codeforces Round #248 (Div. 2) & Codeforces Round #248 (Div. 1)	5	No
415	Upgrading Array	Categories	Codeforces	Codeforces Round #236 (Div. 2) & Codeforces Round #236 (Div. 1)	5	No
416	Square Subsets	Categories	Codeforces	Codeforces Round #448 (Div. 2)	5	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
417	Continued Fractions	Categories	Codeforces	Codeforces Round #184 (Div. 2)	5	No
418	lahub and Permutations	Categories	Codeforces	Codeforces Round #198 (Div. 2) & Codeforces Round #198 (Div. 1)	5	No
419	Lucky Tree	Categories	Codeforces	Codeforces Beta Round #84 (Div. 1 Only) & Codeforces Beta Round #84 (Div. 2 Only)	5	No
420	Chocolate	Categories	Codeforces	Codeforces Round #279 (Div. 2)	5	No
421	Special Task	Categories	Codeforces	ABBY Cup 3.0	5	No
422	Friends	Categories	Codeforces	Codeforces Beta Round #76 (Div. 2 Only)	5	No
423	Expensive Drink	Categories	Live Archive	2007 Asia - Beijing	5	No
424	Hunting Digletts	Categories	URI		5	No
425	Malek Dance Club	Categories	Codeforces	Codeforces Round #189 (Div. 1) & Codeforces Round #189 (Div. 2)	5	No
426	Rectangle and Square	Categories	Codeforces	Codeforces Beta Round #97 (Div. 1) & Codeforces Beta Round #97 (Div. 2)	5	No
427	Below the Diagonal	Categories	Codeforces	Codeforces Round #163 (Div. 2)	6	No
428	International Olympiad	Categories	Codeforces	CROC 2016 - Final Round [Private, For Onsite Finalists Only]	6	No
429	Game on Tree	Categories	Codeforces	Codeforces Round #172 (Div. 1) & Codeforces Round #172 (Div. 2)	6	No
430	The Elder Trolls IV: Oblivon	Categories	Codeforces	Codeforces Beta Round #66	6	No
431	Hit Ball	Categories	Codeforces	Codeforces Round #128 (Div. 2)	6	No
432	Table	Categories	Codeforces	Codeforces Round #144 (Div. 1) & Codeforces Round #144 (Div. 2)	6	No
433	Mathematical Analysis Rocks!	Categories	Codeforces	Codeforces Round #116 (Div. 2, ACM-ICPC Rules)	6	No
434	Points	Categories	Codeforces	All-Ukrainian School Olympiad in Informatics	6	No
435	ANYTHING FOR ATTENDANCE	Categories	SPOJ		6	No
436	Platforms	Categories	Codeforces	Codeforces Beta Round #18 (Div. 2 Only)	6	No
437	GukiZ and Binary Operations	Categories	Codeforces	Codeforces Round #307 (Div. 2)	6	No
438	Watching Fireworks is Fun	Categories	Codeforces	Codeforces Round #219 (Div. 1) & Codeforces Round #219 (Div. 2)	6	No
439	Doctor	Categories	Codeforces	Codeforces Beta Round #72 (Div. 1 Only) & Codeforces Beta Round #72 (Div. 2 Only)	6	No
440	Lucky Subsequence	Categories	Codeforces	Codeforces Round #104 (Div. 1) & Codeforces Round #104 (Div. 2)	6	No
441	CUBE ROOT	Categories	SPOJ		6	No
442	Jeopardy!	Categories	Codeforces	Coder-Strike 2014 - Round 2	6	No
443	Mr. Bender and Square	Categories	Codeforces	Codeforces Round #156 (Div. 2) & Codeforces Round #156 (Div. 1)	6	No
444	Harry Potter and Three Spells	Categories	Codeforces	Codeforces Beta Round #60	6	No
445	Number Busters	Categories	Codeforces	Codeforces Round #224 (Div. 2)	6	No
446	Vasily the Bear and Fly	Categories	Codeforces	Codeforces Round #195 (Div. 2)	6	No
447	Police Patrol	Categories	Codeforces	Codeforces Round #244 (Div. 2)	6	No
448	Prizes	Categories	A2 Online Judge		6	No
449	Fibonacci 2.0	Categories	A2 Online Judge		6	No
450	Design Space	Categories	URI		6	No
451	Wallpaper	Categories	Codeforces	Codeforces Beta Round #99 (Div. 2)	6	No
452	Karen and Test	Categories	Codeforces	Codeforces Round #419 (Div. 1) & Codeforces Round #419 (Div. 2)	6	No
453	Magic Trick	Categories	Codeforces	MemSQL Start[c]UP 2.0 - Round 1	6	No
454	3-cycles	Categories	Codeforces	Codeforces Beta Round #40 (Div. 2)	6	No
455	LIS of Sequence	Categories	Codeforces	Codeforces Round #277 (Div. 2)	6	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
456	CHOCOLATES	Categories	2012	SPOJ	6	No
457	Flea	Categories		Codeforces	6	No
458	Collision Detection	Categories		Live Archive	6	No
459	Maxim and Restaurant	Categories		Codeforces	6	No
460	Party	Categories		Codeforces	6	No
461	Demiurges Play Again	Categories		Codeforces	6	No
462	Random Task	Categories		Codeforces	6	No
463	Functions	Categories		A2 Online Judge	6	No
464	Unusual Sequences	Categories		Codeforces	6	No
465	Partial Sums	Categories		Codeforces	6	No
466	Array	Categories		Codeforces	6	No
467	Hot Bath	Categories		Codeforces	6	No
468	Triangles	Categories		Codeforces	6	No
469	Average Score	Categories		Codeforces	6	No
470	Bear and Polynomials	Categories		Codeforces	6	No
471	Number Transformation II	Categories		Codeforces	6	No
472	Problem About Equation	Categories		Codeforces	6	No
473	A rectangle	Categories		Codeforces	6	No
474	Vanya and Field	Categories		Codeforces	6	No
475	Little Elephant and LCM	Categories		Codeforces	6	No
476	Let's Play Osu!	Categories		Codeforces	6	No
477	ZS and The Birthday Paradox	Categories		Codeforces	6	No
478	Longest Subsequence	Categories		Codeforces	6	No
479	A Heap of Heaps	Categories		Codeforces	6	No
480	Stadium and Games	Categories		Codeforces	6	No
481	Mushroom Scientists	Categories		Codeforces	6	No
482	GAMING ARENA	Categories		SPOJ	6	No
483	Pluses everywhere	Categories		Codeforces	6	No
484	Golden System	Categories		Codeforces	6	No
485	Playing with Permutations	Categories		Codeforces	6	No
486	Guess That Car!	Categories	2001	Codeforces	6	No
487	Parallel Expectations	Categories		Live Archive	6	No
488	Sum	Categories		Codeforces	6	No
489	Rectangle Puzzle II	Categories		Codeforces	6	No
490	ZEROES IN RANGE	Categories		SPOJ	6	No
491	Insertion Sort	Categories		Codeforces	6	No
492	String Mark	Categories		Codeforces	7	No
493	Squares	Categories		Codeforces	7	No
494	Follow Traffic Rules	Categories		Codeforces	7	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
495	Subway Innovation	Categories	Codeforces	Codeforces Round #218 (Div. 2)	7	No
496	Curious Array	Categories	Codeforces	Codeforces Round #239 (Div. 1) & Codeforces Round #239 (Div. 2)	7	No
497	Sequence of points	Categories	Codeforces	Codeforces Beta Round #24	7	No
498	Playlist	Categories	Codeforces	Codeforces Round #164 (Div. 2)	7	No
499	Little Artem and Random Variable	Categories	Codeforces	VK Cup 2016 - Round 2	7	No
500	Minimum Modular	Categories	Codeforces	Codeforces Round #183 (Div. 1) & Codeforces Round #183 (Div. 2)	7	No
501	Bribes	Categories	Codeforces	Bubble Cup 8 - Finals [Online Mirror]	7	No
502	First Digit Law	Categories	Codeforces	Codeforces Beta Round #50	7	No
503	Bamboo Partition	Categories	Codeforces	Codeforces Round #424 (Div. 1, rated, based on VK Cup Finals) & Codeforces Round #424 (Div. 2, rated, based on VK Cup Finals)	7	No
504	Idempotent functions	Categories	Codeforces	VK Cup 2015 - Round 3 (unofficial online mirror, Div. 1 only)	7	No
505	Devu and Birthday Celebration	Categories	Codeforces	Codeforces Round #251 (Div. 2)	7	No
506	Little Elephant and Furik and Rubik	Categories	Codeforces	Codeforces Round #129 (Div. 1) & Codeforces Round #129 (Div. 2)	7	No
507	The Last Fight Between Human and AI	Categories	Codeforces	Codeforces Round #354 (Div. 2)	7	No
508	Turn	Categories	Codeforces	Experimental Educational Round: VolBIT Formulas Blitz	7	No
509	Analyzing Polyline	Categories	Codeforces	Codeforces Round #123 (Div. 2)	7	No
510	The Water Taps	Categories	SPOJ		7	No
511	Big Maximum Sum	Categories	Codeforces	Codeforces Beta Round #67 (Div. 2)	7	No
512	Restoring Numbers	Categories	Codeforces	Codeforces Round #289 (Div. 2, ACM ICPC Rules)	7	No
513	On Sum of Fractions	Categories	Codeforces	Codeforces Round #232 (Div. 1) & Codeforces Round #232 (Div. 2)	7	No
514	Empire Strikes Back	Categories	Codeforces	Codeforces Round #181 (Div. 2)	7	No
515	Furlo and Rublo and Game	Categories	Codeforces	Codeforces Round #156 (Div. 2) & Codeforces Round #156 (Div. 1)	7	No
516	Disposition	Categories	Codeforces	Codeforces Beta Round #46 (Div. 2)	7	No
517	Hack it!	Categories	Codeforces	Codeforces Round #268 (Div. 1) & Codeforces Round #268 (Div. 2)	7	No
518	Vasily the Bear and Beautiful Strings	Categories	Codeforces	Codeforces Round #195 (Div. 2)	7	No
519	Rat Kwesh and Cheese	Categories	Codeforces	Codeforces Round #341 (Div. 2)	7	No
520	Simple Skewness	Categories	Codeforces	8VC Venture Cup 2016 - Elimination Round	7	No
521	Blackboard Fibonacci	Categories	Codeforces	Codeforces Round #134 (Div. 1) & Codeforces Round #134 (Div. 2)	7	No
522	Intersection	Categories	Codeforces	Codeforces Alpha Round #21 (Codeforces format)	7	No
523	Hexagons	Categories	Codeforces	Codeforces Round #338 (Div. 2)	7	No
524	Pairs of Numbers	Categories	Codeforces	Codeforces Testing Round #3	7	No
525	On Corruption and Numbers	Categories	Codeforces	Codeforces Round #232 (Div. 2)	7	No
526	Repaintings	Categories	Codeforces	Codeforces Beta Round #39	7	No
527	Laser	Categories	Codeforces	Codeforces Beta Round #15	7	No
528	Maxim and Matrix	Categories	Codeforces	Codeforces Round #160 (Div. 1) & Codeforces Round #160 (Div. 2)	7	No
529	Binary Table	Categories	Codeforces	CROC 2016 - Final Round [Private, For Onsite Finalists Only]	7	No
530	Blocked Points	Categories	Codeforces	Codeforces Round #230 (Div. 1) & Codeforces Round #230 (Div. 2)	7	No
531	Case of a Top Secret	Categories	Codeforces	Codeforces Round #310 (Div. 1)	7	No
532	Reflection	Categories	Codeforces	Yandex.Algorithm 2011 Round 2	7	No
533	Plus and xor	Categories	Codeforces	All-Ukrainian School Olympiad in Informatics	7	No
534	Square Table	Categories	Codeforces	RCC 2014 Warmup (Div. 2) & RCC 2014 Warmup (Div. 1)	7	No

	Problem Name		Online Judge	Year	Contest	Difficulty Level	Solved
535	Sum of Remainders	Categories	Codeforces	2004	Educational Codeforces Round 5	7	No
536	Powers	Categories	Live Archive		Africa/Middle East - South Africa	7	No
537	Unsolvable	Categories	Codeforces		Codeforces Round #139 (Div. 2)	8	No
538	Olga and Graph	Categories	Codeforces		Codeforces Round #184 (Div. 2)	8	No
539	Hamming Distance	Categories	Codeforces		Codeforces Round #122 (Div. 1) & Codeforces Round #122 (Div. 2)	8	No
540	Wizards and Numbers	Categories	Codeforces		Codeforces Round #114 (Div. 1) & Codeforces Round #114 (Div. 2)	8	No
541	The Race	Categories	Codeforces		School Personal Contest #3 (Winter Computer School 2010/11) - Codeforces Beta Round #45 (ACM-ICPC Rules)	8	No
542	Cow Tennis Tournament	Categories	Codeforces		Codeforces Round #174 (Div. 1)	8	No
543	Memory and Casinos	Categories	Codeforces		Codeforces Round #370 (Div. 2)	8	No
544	Ghd	Categories	Codeforces		Codeforces Round #213 (Div. 1)	8	No
545	BerDonalds	Categories	Codeforces		Codeforces Round #163 (Div. 2)	8	No
546	GCD Table	Categories	Codeforces		Codeforces Round #196 (Div. 1)	8	No
547	Vectors	Categories	Codeforces		Codeforces Beta Round #79 (Div. 1 Only) & Codeforces Beta Round #79 (Div. 2 Only)	8	No
548	Morning run	Categories	Codeforces		Croc Champ 2013 - Finals (online version, Div. 1)	8	No
549	Positions in Permutations	Categories	Codeforces		Codeforces Round #175 (Div. 2)	8	No
550	Headquarters	Categories	Codeforces		Croc Champ 2012 - Final	8	No
551	Dima and Magic Guitar	Categories	Codeforces		Codeforces Round #214 (Div. 2)	8	No
552	More Queries to Array...	Categories	Codeforces		Codeforces Round #163 (Div. 2)	8	No
553	Martian Luck	Categories	Codeforces		Codeforces Round #133 (Div. 2)	8	No
554	Misha and Palindrome Degree	Categories	Codeforces		Codeforces Round #285 (Div. 2) & Codeforces Round #285 (Div. 1)	8	No
555	Anniversary	Categories	Codeforces		Codeforces Round #140 (Div. 1) & Codeforces Round #140 (Div. 2)	8	No
556	Interval Cubing	Categories	Codeforces		Codeforces Round #185 (Div. 1)	8	No
557	Numbers	Categories	Codeforces		Codeforces Beta Round #72 (Div. 1 Only)	8	No
558	Summer Homework	Categories	Codeforces		ABBY Cup 3.0	8	No
559	Smart Cheater	Categories	Codeforces		Codeforces Round #107 (Div. 1) & Codeforces Round #107 (Div. 2)	8	No
560	Multicolored Marbles	Categories	Codeforces		VK Cup 2012 Finals, Practice Session	8	No
561	Cowslip Collections	Categories	Codeforces		CROC 2016 - Elimination Round	8	No
562	Mother of Dragons	Categories	Codeforces		Codeforces Round #428 (Div. 2)	8	No
563	Cube Problem	Categories	Codeforces		Croc Champ 2013 - Round 2	8	No
564	Strange Sorting	Categories	Codeforces		Codeforces Round #276 (Div. 1) & Codeforces Round #276 (Div. 2)	8	No
565	Lannion Visit	Categories	A2 Online Judge			8	No
566	Capture Valerian	Categories	Codeforces		Codeforces Beta Round #57 (Div. 2)	8	No
567	Collisions	Categories	Codeforces		Codeforces Beta Round #34 (Div. 2)	8	No
568	Ladies' Shop	Categories	Codeforces		Codeforces Round #176 (Div. 1)	8	No
569	Fibonacci Sums	Categories	Codeforces		Codeforces Beta Round #93 (Div. 1 Only)	8	No
570	Hyperdrive	Categories	Codeforces		School Team Contest #2 (Winter Computer School 2010/11)	8	No
571	Math Homework	Categories	A2 Online Judge			8	No
572	Plumber	Categories	Codeforces		Codeforces Beta Round #87 (Div. 1 Only) & Codeforces Beta Round #87 (Div. 2 Only)	8	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
573	Cows and Cool Sequences	Categories	Codeforces	Codeforces Round #174 (Div. 1)	8	No
574	The Sum of the k-th Powers	Categories	Codeforces	Educational Codeforces Round 7	8	No
575	Vasya and Polynomial	Categories	Codeforces	Codeforces Round #281 (Div. 2)	8	No
576	Bear in the Field	Categories	Codeforces	Codeforces Round #226 (Div. 2)	8	No
577	Three Horses	Categories	Codeforces	Codeforces Round #166 (Div. 2)	8	No
578	Little Elephant and Broken Sorting	Categories	Codeforces	Codeforces Round #157 (Div. 1)	8	No
579	Task processing	Categories	Codeforces	2015-2016 ACM-ICPC, NEERC, Southern Subregional Contest (Online Mirror, ACM-ICPC Rules, Teams Preferred)	9	No
580	Berland Square	Categories	Codeforces	Codeforces Beta Round #39	9	No
581	Visit of the Great	Categories	Codeforces	Codeforces Round #118 (Div. 1)	9	No
582	Yet Another Number Sequence	Categories	Codeforces	Codeforces Round #230 (Div. 1) & Codeforces Round #230 (Div. 2)	9	No
583	Surprise me!	Categories	Codeforces	Codeforces Round #415 (Div. 1)	9	No
584	Two Sets	Categories	Codeforces	Codeforces Round #153 (Div. 1)	9	No
585	Table	Categories	Codeforces	Unknown Language Round #1	9	No
586	New York Hotel	Categories	Codeforces	Testing Round #11	9	No
587	Sereja and Cinema	Categories	Codeforces	Codeforces Round #223 (Div. 1)	9	No
588	Winning Strategy	Categories	Codeforces	Yandex.Algorithm 2011 Finals	9	No
589	PE Lesson	Categories	Codeforces	ABBY Cup 3.0	9	No
590	Tetris revisited	Categories	Codeforces	Yandex.Algorithm 2011 Round 2	9	No
591	Optimal Point	Categories	Codeforces	Codeforces Round #359 (Div. 1) & Codeforces Round #359 (Div. 2)	9	No
592	Little Elephant and Triangle	Categories	Codeforces	Codeforces Round #136 (Div. 1)	9	No
593	Horse Races	Categories	Codeforces	Codeforces Beta Round #77 (Div. 1 Only) & Codeforces Beta Round #77 (Div. 2 Only)	9	No
594	Friends	Categories	Codeforces	Bayan 2012-2013 Elimination Round (ACM ICPC Rules, English statements)	9	No
595	Ivan the Fool VS Gorynych the Dragon	Categories	Codeforces	School Personal Contest #3 (Winter Computer School 2010/11) - Codeforces Beta Round #45 (ACM-ICPC Rules)	9	No
596	LCM	Categories	Codeforces	Surprise Language Round #6	9	No
597	Fibonacci Number	Categories	Codeforces	Codeforces Round #122 (Div. 1)	9	No
598	Wizards and Bets	Categories	Codeforces	Codeforces Round #114 (Div. 1)	9	No
599	Morrowindows	Categories	Codeforces	Codeforces Beta Round #66	9	No
600	Savior	Categories	Codeforces	Codeforces Beta Round #56	9	No
601	Summer Homework	Categories	Codeforces	ABBY Cup 3.0	9	No
602	Physical Education and Buns	Categories	Codeforces	Codeforces Round #231 (Div. 2)	9	No
603	Beautiful Function	Categories	Codeforces	Codeforces Round #329 (Div. 2)	9	No
604	Not Quick Transformation	Categories	Codeforces	Codeforces Beta Round #88	9	No
605	Strange Radiation	Categories	Codeforces	Codeforces Round #425 (Div. 2)	9	No
606	Ciel and Flipboard	Categories	Codeforces	Codeforces Round #190 (Div. 1)	9	No
607	Rotatable Number	Categories	Codeforces	Codeforces Round #183 (Div. 1)	9	No
608	Fox and Perfect Sets	Categories	Codeforces	Codeforces Round #228 (Div. 1)	9	No
609	Polo the Penguin and Lucky Numbers	Categories	Codeforces	Codeforces Round #177 (Div. 1)	9	No
610	Sign Posts	Categories	Codeforces	Codeforces Round #315 (Div. 1)	9	No
611	Design Tutorial: Change the Goal	Categories	Codeforces	Codeforces Round #270	9	No
612	Tractor College	Categories	Codeforces	Codeforces Round #126 (Div. 2)	9	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
613	Flags	Categories	Codeforces	Codeforces Beta Round #76 (Div. 1 Only)	9	No
614	Roland and Rose	Categories	Codeforces	Codeforces Round #262 (Div. 2)	9	No
615	Superhero's Job	Categories	Codeforces	VK Cup 2015 - Round 3 (unofficial online mirror, Div. 1 only)	9	No
616	Mushroom Gnomes	Categories	Codeforces	Codeforces Beta Round #56	9	No
617	Fibonacci	Categories	Codeforces	Bubble Cup 8 - Finals [Online Mirror]	9	No
618	Donkey and Stars	Categories	Codeforces	Codeforces Round #152 (Div. 1)	9	No
619	Gambling Nim	Categories	Codeforces	CROC 2016 - Final Round [Private, For Onsite Finalists Only]	9	No
620	Archer's Shot	Categories	Codeforces	Codeforces Beta Round #70 (Div. 2)	9	No
621	Ruminations on Ruminants	Categories	Codeforces	Codeforces Round #334 (Div. 1)	9	No
622	Present for Vitalik the Philatelist	Categories	Codeforces	Codeforces Round #325 (Div. 1)	9	No
623	Extraordinarily Nice Numbers	Categories	Codeforces	Unknown Language Round #2	9	No
624	Cowboys	Categories	Codeforces	VK Cup 2012 Finals (unofficial online-version)	9	No
625	Endless Matrix	Categories	Codeforces	Codeforces Round #152 (Div. 1)	9	No
626	Strange town	Categories	Codeforces	Codeforces Beta Round #41	9	No
627	Lostborn	Categories	Codeforces	Codeforces Beta Round #76 (Div. 1 Only)	9	No
628	Four Divisors	Categories	Codeforces	Educational Codeforces Round 12	9	No
629	Appleman and Complicated Task	Categories	Codeforces	Codeforces Round #263 (Div. 1)	9	No
630	Theft of Blueprints	Categories	Codeforces	Codeforces Round #193 (Div. 2)	9	No
631	Subarray Cuts	Categories	Codeforces	Rockethon 2015	9	No
632	Pixels	Categories	Codeforces	VK Cup 2012 Finals, Practice Session	9	No
633	Rotation	Categories	Codeforces	Unknown Language Round #3	9	No
634	Ksusha and Square	Categories	Codeforces	Croc Champ 2013 - Round 2	9	No
635	Journey	Categories	Codeforces	Codeforces Beta Round #53	9	No
636	Bitonix' Patrol	Categories	Codeforces	Codeforces Round #134 (Div. 1)	9	No
637	Tetragon	Categories	Codeforces	Codeforces Beta Round #23	9	No
638	Red and Black Tree	Categories	Codeforces	Codeforces Round #221 (Div. 1)	9	No
639	Lesson Timetable	Categories	Codeforces	Codeforces Beta Round #37	9	No
640	Bear and Paradox	Categories	Codeforces	VK Cup 2016 - Round 1	9	No
641	Divisibility Rules	Categories	Codeforces	Codeforces Round #116 (Div. 2, ACM-ICPC Rules)	9	No
642	Flatland Fencing	Categories	Codeforces	Codeforces Round #109 (Div. 1)	9	No
643	Square Equation Roots	Categories	Codeforces	Codeforces Beta Round #47	9	No
644	Lust	Categories	Codeforces	Codeforces Round #446 (Div. 1)	9	No
645	Interval Coloring	Categories	Codeforces	Unknown Language Round #3	10	No
646	Ants on a Circle	Categories	Codeforces	Educational Codeforces Round 10	10	No
647	Bingo!	Categories	Codeforces	MemSQL Start[c]UP 2.0 - Round 2	10	No
648	Berserk Robot	Categories	Codeforces	Codeforces Round #300	10	No
649	Security System	Categories	Codeforces	Codeforces Beta Round #71	10	No
650	Chess	Categories	Codeforces	Codeforces Beta Round #53	10	No
651	Birthday	Categories	Codeforces	Codeforces Beta Round #94 (Div. 1 Only)	10	No
652	Lucky Interval	Categories	Codeforces	Codeforces Beta Round #84 (Div. 1 Only)	10	No
653	DZY Loves Bridges	Categories	Codeforces	Codeforces Round #255 (Div. 1)	10	No

	Problem Name	Online Judge	Year	Contest	Difficulty Level	Solved
654	Interesting Sequence	Categories	Codeforces	Codeforces Beta Round #39	10	No
655	Agricultural Archaeology	Categories	Codeforces	2015-2016 ACM-ICPC, NEERC, Southern Subregional Contest (Online Mirror, ACM-ICPC Rules, Teams Preferred)	10	No
656	Flow Optimality	Categories	Codeforces	MemSQL Start[c]UP 2.0 - Round 2	10	No
657	Sequence Transformation	Categories	Codeforces	Codeforces Round #172 (Div. 1)	10	No
658	Geometric Progressions	Categories	Codeforces	Codeforces Round #317 [AimFund Thanks-Round] (Div. 1)	10	No
659	Perpetual Motion Machine	Categories	Codeforces	Codeforces Round #424 (Div. 1, rated, based on VK Cup Finals)	10	No
660	Help Shrek and Donkey	Categories	Codeforces	Codeforces Beta Round #78 (Div. 1 Only)	10	No
661	Long sequence	Categories	Codeforces	Yandex.Algorithm 2011 Round 2	10	No
662	Olympic Games	Categories	Codeforces	Codeforces Round #235 (Div. 2)	10	No
663	Gears	Categories	Codeforces	Codeforces Round #283 (Div. 1)	10	No
664	Goshtasp, Vishtasp and Eidi	Categories	Codeforces	Unknown Language Round #2	10	No
665	Evil	Categories	Codeforces	Codeforces Round #192 (Div. 1)	10	No
666	Sleeping	Categories	Codeforces	Codeforces Beta Round #86 (Div. 1 Only)	10	No
667	BigFibonacci	Categories	TopCoder	TCO06 Sponsor 5 - Div1 hard] (9916)	10	No
668	Mod Mod Mod	Categories	Codeforces	Codeforces Round #445 (Div. 1, based on Technocup 2018 Elimination Round 3)	10	No
669	Lamps in a Line	Categories	Codeforces	Unknown Language Round #3	10	No
670	Sasha Circle	Categories	Codeforces	Looksery Cup 2015	10	No
671	Jzzhu and Squares	Categories	Codeforces	Codeforces Round #257 (Div. 1)	10	No
672	Hamming Triples	Categories	Codeforces	Codeforces Round #238 (Div. 1)	10	No
673	Mutation	Categories	Codeforces	All-Ukrainian School Olympiad in Informatics	10	No
674	Nephren Runs a Cinema	Categories	Codeforces	Codeforces Round #449 (Div. 1)	10	No
675	Permanent	Categories	Codeforces	Codeforces Round #268 (Div. 1)	10	No
676	DravDe saves the world	Categories	Codeforces	Codeforces Beta Round #28 (Codeforces format)	10	No
677	Wisdom	Categories	Live Archive	2004 Africa/Middle East - South Africa	10	No
678	Oil	Categories	Codeforces	Unknown Language Round #2	10	No
679	Berland Traffic	Categories	Codeforces	Codeforces Testing Round #5	10	No
680	Days of Floral Colours	Categories	Codeforces	Codeforces Round #431 (Div. 1)	10	No
681	Doodle Jump	Categories	Codeforces	Codeforces Round #201 (Div. 1)	10	No
682	DZY Loves Games	Categories	Codeforces	Codeforces Round #255 (Div. 1)	10	No
683	Counting Skyscrapers	Categories	Codeforces	MemSQL start[c]up Round 2 - online version	10	No