




# CSES Problem Set

[TASKS](#) | [STATISTICS](#) | [HACKS](#)

## General


-  [Introduction](#)
-  [Create new account](#)
-  [Statistics](#)




## Introductory Problems

 <a href="#">Weird Algorithm</a>	146549 / 153472	—
 <a href="#">Missing Number</a>	126439 / 132630	—
 <a href="#">Repetitions</a>	110096 / 114643	—
 <a href="#">Increasing Array</a>	103433 / 107216	—
 <a href="#">Permutations</a>	90835 / 93667	—
 <a href="#">Number Spiral</a>	64277 / 70091	—
 <a href="#">Bit Strings</a>	61093 / 64513	—
 <a href="#">Trailing Zeros</a>	57062 / 60716	—
 <a href="#">Two Sets</a>	53293 / 57424	—
 <a href="#">Coin Piles</a>	50505 / 55304	—
 <a href="#">Two Knights</a>	48998 / 50570	—
 <a href="#">Palindrome Reorder</a>	46885 / 49540	✓
 <a href="#">Creating Strings</a>	39521 / 40563	—
 <a href="#">Apple Division</a>	39494 / 44706	—
 <a href="#">Gray Code</a>	31127 / 35048	—
 <a href="#">Tower of Hanoi</a>	28783 / 29938	—
 <a href="#">Chessboard and Queens</a>	23852 / 24286	—
 <a href="#">Digit Queries</a>	16849 / 19690	—
 <a href="#">Grid Path Description</a>	9396 / 12237	—
 <a href="#">Raab Game I</a>	3294 / 3760	—
 <a href="#">Knight Moves Grid</a>	3191 / 3266	—
 <a href="#">Mex Grid Construction</a>	3178 / 3399	—

 <a href="#">Grid Coloring I</a>	2624 / 2717	—
 <a href="#">String Reorder</a>	2580 / 3006	—

## Sorting and Searching






 <a href="#">Distinct Numbers</a>	71409 / 77335	—
 <a href="#">Apartments</a>	52930 / 58938	—
 <a href="#">Ferris Wheel</a>	50780 / 54916	—
 <a href="#">Sum of Two Values</a>	46639 / 52314	—
 <a href="#">Maximum Subarray Sum</a>	45225 / 47270	—
 <a href="#">Restaurant Customers</a>	41667 / 45026	—
 <a href="#">Concert Tickets</a>	40905 / 47729	—
 <a href="#">Stick Lengths</a>	40384 / 42298	—
 <a href="#">Movie Festival</a>	39953 / 42354	—
 <a href="#">Towers</a>	31452 / 33735	—
 <a href="#">Playlist</a>	31080 / 35647	—
 <a href="#">Collecting Numbers</a>	31046 / 33290	—
 <a href="#">Missing Coin Sum</a>	30259 / 31391	—
 <a href="#">Subarray Sums I</a>	27410 / 29295	—
 <a href="#">Factory Machines</a>	25894 / 28299	—
 <a href="#">Sum of Three Values</a>	24860 / 27594	—
 <a href="#">Subarray Sums II</a>	24788 / 29561	—
 <a href="#">Traffic Lights</a>	24314 / 27286	—
 <a href="#">Subarray Divisibility</a>	22783 / 24887	—
 <a href="#">Array Division</a>	21520 / 22671	—
 <a href="#">Tasks and Deadlines</a>	21012 / 21475	—
 <a href="#">Nearest Smaller Values</a>	20750 / 21465	—
 <a href="#">Josephus Problem I</a>	18487 / 20452	—
 <a href="#">Room Allocation</a>	18304 / 21066	—
 <a href="#">Reading Books</a>	17006 / 18227	—
 <a href="#">Sum of Four Values</a>	15503 / 17340	—
 <a href="#">Distinct Values Subarrays II</a>	13489 / 14927	—
 <a href="#">Collecting Numbers II</a>	12821 / 16482	—
 <a href="#">Movie Festival II</a>	11448 / 13855	—
 <a href="#">Maximum Subarray Sum II</a>	10586 / 12700	—
 <a href="#">Nested Ranges Check</a>	10573 / 12202	—
 <a href="#">Josephus Problem II</a>	9941 / 13771	—

 <a href="#">Nested Ranges Count</a>	7166 / 8479	—
 <a href="#">Distinct Values Subarrays</a>	4917 / 5175	—
 <a href="#">Distinct Values Subsequences</a>	3404 / 3807	—

## Dynamic Programming

 <a href="#">Dice Combinations</a>	74667 / 79044	—
 <a href="#">Minimizing Coins</a>	64538 / 69402	—
 <a href="#">Coin Combinations I</a>	58945 / 63867	—
 <a href="#">Removing Digits</a>	55573 / 56729	—
 <a href="#">Grid Paths I</a>	52174 / 53676	—
 <a href="#">Coin Combinations II</a>	49812 / 56508	—
 <a href="#">Book Shop</a>	46638 / 51403	—
 <a href="#">Edit Distance</a>	34554 / 36487	—
 <a href="#">Array Description</a>	34301 / 38186	—
 <a href="#">Money Sums</a>	34058 / 35394	—
 <a href="#">Rectangle Cutting</a>	28709 / 31393	—
 <a href="#">Increasing Subsequence</a>	27383 / 30779	—
 <a href="#">Two Sets II</a>	26832 / 28932	—
 <a href="#">Counting Towers</a>	20775 / 22033	—
 <a href="#">Removal Game</a>	19923 / 27205	—
 <a href="#">Projects</a>	18869 / 21163	—
 <a href="#">Elevator Rides</a>	11958 / 15129	—
 <a href="#">Counting Numbers</a>	9488 / 10743	—
 <a href="#">Counting Tilings</a>	6969 / 7619	—
 <a href="#">Longest Common Subsequence</a>	6765 / 7025	—
 <a href="#">Increasing Subsequence II</a>	3593 / 4184	—
 <a href="#">Minimal Grid Path</a>	2880 / 5521	—
 <a href="#">Mountain Range</a>	1995 / 3878	—

## Graph Algorithms

 <a href="#">Counting Rooms</a>	51361 / 54000	✓
 <a href="#">Building Roads</a>	44828 / 46460	✓
 <a href="#">Message Route</a>	38500 / 40063	✓
 <a href="#">Building Teams</a>	36358 / 38396	✓
 <a href="#">Labyrinth</a>	35478 / 42670	✓










 <a href="#">Shortest Routes I</a>	31448 / 34824	✓
 <a href="#">Round Trip</a>	28898 / 31533	✓
 <a href="#">Shortest Routes II</a>	25653 / 28835	✓
 <a href="#">Course Schedule</a>	20911 / 22149	-
 <a href="#">Flight Discount</a>	20089 / 23622	✓
 <a href="#">Monsters</a>	19647 / 23302	✓
 <a href="#">Road Construction</a>	17534 / 18102	-
 <a href="#">Game Routes</a>	16482 / 17703	-
 <a href="#">Round Trip II</a>	15957 / 17973	-
 <a href="#">Road Reparation</a>	15942 / 16625	-
 <a href="#">High Score</a>	15457 / 22147	✓
 <a href="#">Longest Flight Route</a>	14638 / 18330	-
 <a href="#">Cycle Finding</a>	14289 / 17645	-
 <a href="#">Flight Routes Check</a>	14272 / 15501	-
 <a href="#">Flight Routes</a>	13958 / 15596	-
 <a href="#">Investigation</a>	12188 / 13134	-
 <a href="#">Planets and Kingdoms</a>	11452 / 11864	-
 <a href="#">Planets Queries I</a>	10601 / 12459	-
 <a href="#">Coin Collector</a>	7383 / 8222	-
 <a href="#">Hamiltonian Flights</a>	7000 / 8010	✓
 <a href="#">Planets Cycles</a>	6500 / 7271	-
 <a href="#">Mail Delivery</a>	6172 / 6770	✓
 <a href="#">Giant Pizza</a>	4669 / 5158	-
 <a href="#">Teleporters Path</a>	4650 / 5357	✓
 <a href="#">Download Speed</a>	4592 / 6250	-
 <a href="#">School Dance</a>	4080 / 4322	-
 <a href="#">Planets Queries II</a>	3779 / 4808	-
 <a href="#">Police Chase</a>	3682 / 4153	-
 <a href="#">De Bruijn Sequence</a>	3213 / 3367	✓
 <a href="#">Distinct Routes</a>	2820 / 3732	-
 <a href="#">Knight's Tour</a>	2597 / 3174	-





## Range Queries

 <a href="#">Static Range Sum Queries</a>	35406 / 37004	✓
 <a href="#">Dynamic Range Sum Queries</a>	25982 / 27136	-
 <a href="#">Static Range Minimum Queries</a>	24980 / 26768	✓

 <a href="#">Range Xor Queries</a>	24314 / 24647	—
 <a href="#">Dynamic Range Minimum Queries</a>	23549 / 24115	—
 <a href="#">Forest Queries</a>	19652 / 20405	—
 <a href="#">Range Update Queries</a>	19229 / 20650	—
 <a href="#">Hotel Queries</a>	13908 / 14798	—
 <a href="#">List Removals</a>	11571 / 12190	—
 <a href="#">Salary Queries</a>	8514 / 10833	—
 <a href="#">Prefix Sum Queries</a>	7277 / 7907	—
 <a href="#">Subarray Sum Queries</a>	7076 / 7698	—
 <a href="#">Distinct Values Queries</a>	6476 / 8066	—
 <a href="#">Pizzeria Queries</a>	5878 / 6111	—
 <a href="#">Range Updates and Sums</a>	5637 / 6733	—
 <a href="#">Forest Queries II</a>	4257 / 4585	—
 <a href="#">Polynomial Queries</a>	4154 / 4877	—
 <a href="#">Range Queries and Copies</a>	2953 / 3172	—
 <a href="#">Increasing Array Queries</a>	2497 / 2867	—
 <a href="#">Movie Festival Queries</a>	1197 / 1331	—
 <a href="#">Subarray Sum Queries II</a>	1135 / 1205	—
 <a href="#">Visible Buildings Queries</a>	1085 / 1189	—
 <a href="#">Range Interval Queries</a>	852 / 1131	—
 <a href="#">Distinct Values Queries II</a>	668 / 786	—
 <a href="#">Missing Coin Sum Queries</a>	586 / 779	—








## Tree Algorithms

 <a href="#">Subordinates</a>	29571 / 31658	—
 <a href="#">Tree Diameter</a>	24082 / 25553	—
 <a href="#">Tree Distances I</a>	18360 / 19762	—
 <a href="#">Tree Matching</a>	16769 / 19600	—
 <a href="#">Company Queries I</a>	16702 / 17590	—
 <a href="#">Company Queries II</a>	15638 / 16420	—
 <a href="#">Tree Distances II</a>	15071 / 15722	—
 <a href="#">Distance Queries</a>	14248 / 15317	—
 <a href="#">Subtree Queries</a>	10702 / 11433	—
 <a href="#">Counting Paths</a>	8900 / 9454	—
 <a href="#">Path Queries</a>	8508 / 9021	—
 <a href="#">Distinct Colors</a>	8255 / 9137	—















 <a href="#">Finding a Centroid</a>	6642 / 6925	—
 <a href="#">Path Queries II</a>	3435 / 5169	—
 <a href="#">Fixed-Length Paths I</a>	3134 / 4088	—
 <a href="#">Fixed-Length Paths II</a>	1457 / 2707	—

## Mathematics




 <a href="#">Exponentiation</a>	23272 / 24855	—
 <a href="#">Counting Divisors</a>	21139 / 23905	—
 <a href="#">Exponentiation II</a>	16494 / 19823	—
 <a href="#">Common Divisors</a>	13855 / 16139	—
 <a href="#">Binomial Coefficients</a>	9762 / 10854	—
 <a href="#">Creating Strings II</a>	8220 / 8689	—
 <a href="#">Distributing Apples</a>	7903 / 8513	—
 <a href="#">Sum of Divisors</a>	7733 / 11667	—
 <a href="#">Fibonacci Numbers</a>	6723 / 8470	✓
 <a href="#">Christmas Party</a>	6357 / 6842	—
 <a href="#">Prime Multiples</a>	5977 / 7020	—
 <a href="#">Divisor Analysis</a>	5258 / 7082	—
 <a href="#">Josephus Queries</a>	4500 / 5682	—
 <a href="#">Nim Game I</a>	4440 / 4609	—
 <a href="#">Bracket Sequences I</a>	4359 / 4753	—
 <a href="#">Counting Coprime Pairs</a>	3909 / 4591	—
 <a href="#">Nim Game II</a>	3509 / 3658	—
 <a href="#">Throwing Dice</a>	3488 / 3796	—
 <a href="#">Stick Game</a>	3361 / 3440	—
 <a href="#">Graph Paths I</a>	3308 / 3554	—
 <a href="#">Dice Probability</a>	3001 / 3246	—
 <a href="#">Graph Paths II</a>	2767 / 2903	—
 <a href="#">Stair Game</a>	2384 / 2595	—
 <a href="#">Bracket Sequences II</a>	2257 / 2599	—
 <a href="#">Counting Necklaces</a>	2090 / 2266	—
 <a href="#">Another Game</a>	1852 / 2000	—
 <a href="#">Counting Grids</a>	1694 / 1812	—
 <a href="#">Grundy's Game</a>	1630 / 2157	—
 <a href="#">Moving Robots</a>	1546 / 1638	—
 <a href="#">Next Prime</a>	1308 / 1501	—











 <a href="#">Candy Lottery</a>	1289 / 2855	—
 <a href="#">Permutation Rounds</a>	705 / 794	—
 <a href="#">Permutation Order</a>	613 / 623	—
 <a href="#">Sum of Four Squares</a>	462 / 540	—
 <a href="#">Triangle Number Sums</a>	397 / 497	—
 <a href="#">System of Linear Equations</a>	302 / 325	—
 <a href="#">Inversion Probability</a>	293 / 2194	—

## String Algorithms

 <a href="#">String Matching</a>	11029 / 14821	—
 <a href="#">Finding Borders</a>	8070 / 8835	—
 <a href="#">Finding Periods</a>	5751 / 6542	—
 <a href="#">Word Combinations</a>	5665 / 8274	—
 <a href="#">Longest Palindrome</a>	4240 / 5616	—
 <a href="#">Minimal Rotation</a>	2789 / 4285	—
 <a href="#">Palindrome Queries</a>	1991 / 2326	—
 <a href="#">Finding Patterns</a>	1824 / 2620	—
 <a href="#">Repeating Substring</a>	1792 / 2100	—
 <a href="#">Counting Patterns</a>	1723 / 2154	—
 <a href="#">Distinct Substrings</a>	1649 / 1977	—
 <a href="#">Required Substring</a>	1595 / 2463	—
 <a href="#">String Functions</a>	1567 / 1642	—
 <a href="#">Pattern Positions</a>	1445 / 1772	—
 <a href="#">Substring Order I</a>	1122 / 1260	—
 <a href="#">Substring Distribution</a>	1041 / 1133	—
 <a href="#">Distinct Subsequences</a>	1033 / 1103	—
 <a href="#">Substring Order II</a>	740 / 964	—
 <a href="#">String Transform</a>	501 / 612	—
 <a href="#">All Palindromes</a>	448 / 511	—
 <a href="#">Inverse Suffix Array</a>	152 / 178	—

## Geometry





 <a href="#">Point Location Test</a>	7022 / 7858	—
 <a href="#">Polygon Area</a>	4870 / 5167	—
 <a href="#">Line Segment Intersection</a>	4186 / 5286	—

 <a href="#">Convex Hull</a>	3200 / 3865	—
 <a href="#">Point in Polygon</a>	2672 / 3388	—
 <a href="#">Polygon Lattice Points</a>	2257 / 2338	—
 <a href="#">Minimum Euclidean Distance</a>	1957 / 2720	—
 <a href="#">Intersection Points</a>	1887 / 2030	—
 <a href="#">Area of Rectangles</a>	1074 / 1202	—
 <a href="#">Maximum Manhattan Distances</a>	430 / 441	—
 <a href="#">All Manhattan Distances</a>	426 / 472	—
 <a href="#">Robot Path</a>	296 / 513	—
 <a href="#">Lines and Queries I</a>	253 / 261	—
 <a href="#">Line Segments Trace I</a>	231 / 238	—
 <a href="#">Lines and Queries II</a>	216 / 224	—
 <a href="#">Line Segments Trace II</a>	186 / 197	—












## Advanced Techniques

 <a href="#">Meet in the Middle</a>	6450 / 9039	—
 <a href="#">Hamming Distance</a>	3153 / 3434	—
 <a href="#">Corner Subgrid Count</a>	2188 / 2458	—
 <a href="#">Reachable Nodes</a>	2184 / 2350	—
 <a href="#">New Roads Queries</a>	2083 / 2544	—
 <a href="#">Necessary Roads</a>	1868 / 1912	—
 <a href="#">Necessary Cities</a>	1733 / 1819	—
 <a href="#">Reachability Queries</a>	1456 / 1725	—
 <a href="#">Cut and Paste</a>	1444 / 1608	—
 <a href="#">Subarray Squares</a>	1305 / 1556	—
 <a href="#">Reversals and Sums</a>	1275 / 1377	—
 <a href="#">Substring Reversals</a>	1267 / 1384	—
 <a href="#">Monster Game I</a>	1106 / 1234	—
 <a href="#">Monster Game II</a>	982 / 1057	—
 <a href="#">Apples and Bananas</a>	978 / 1064	—
 <a href="#">Dynamic Connectivity</a>	934 / 1059	—
 <a href="#">Knuth Division</a>	885 / 1004	—
 <a href="#">Task Assignment</a>	844 / 897	—
 <a href="#">One Bit Positions</a>	791 / 868	—
 <a href="#">Eulerian Subgraphs</a>	762 / 803	—
 <a href="#">Signal Processing</a>	739 / 796	—









 <a href="#">Houses and Schools</a>	729 / 873	—
 <a href="#">Parcel Delivery</a>	724 / 803	—
 <a href="#">Distinct Routes II</a>	549 / 632	—
 <a href="#">Corner Subgrid Check</a>	227 / 369	—









## Sliding Window Problems




 <a href="#">Sliding Window Median</a>	13123 / 15026	—
 <a href="#">Sliding Window Cost</a>	8718 / 10068	—
 <a href="#">Sliding Window Sum</a>	3363 / 3515	—
 <a href="#">Sliding Window Minimum</a>	2619 / 2984	—
 <a href="#">Sliding Window Xor</a>	2518 / 2549	—
 <a href="#">Sliding Window Distinct Values</a>	2102 / 2143	—
 <a href="#">Sliding Window Mode</a>	1467 / 1546	—
 <a href="#">Sliding Window Mex</a>	1303 / 1374	—
 <a href="#">Sliding Window Or</a>	1065 / 1970	—
 <a href="#">Sliding Window Inversions</a>	734 / 786	—
 <a href="#">Sliding Window Advertisement</a>	143 / 227	—

## Interactive Problems








 <a href="#">Hidden Integer</a>	1422 / 1468	—
 <a href="#">Hidden Permutation</a>	609 / 731	—
 <a href="#">Permuted Binary Strings</a>	349 / 359	—
 <a href="#">Colored Chairs</a>	301 / 317	—
 <a href="#">K-th Highest Score</a>	263 / 320	—
 <a href="#">Inversion Sorting</a>	177 / 189	—

## Bitwise Operations

 <a href="#">Counting Bits</a>	4375 / 5634	—
 <a href="#">Maximum Xor Subarray</a>	2664 / 2997	—
 <a href="#">SOS Bit Problem</a>	1886 / 2012	—
 <a href="#">Xor Pyramid Peak</a>	1820 / 2234	—
 <a href="#">Maximum Xor Subset</a>	656 / 709	—
 <a href="#">Number of Subset Xors</a>	566 / 577	—
 <a href="#">K Subset Xors</a>	274 / 324	—
 <a href="#">And Subset Count</a>	267 / 271	—









 <a href="#">Xor Pyramid Diagonal</a>	216 / 245	–
 <a href="#">All Subarray Xors</a>	186 / 292	–
 <a href="#">Xor Pyramid Row</a>	175 / 206	–

## Construction Problems

 <a href="#">Inverse Inversions</a>	1348 / 1437	–
 <a href="#">Chess Tournament</a>	1094 / 1265	–
 <a href="#">Monotone Subsequences</a>	815 / 954	–
 <a href="#">Third Permutation</a>	262 / 304	–
 <a href="#">Permutation Prime Sums</a>	257 / 278	–
 <a href="#">Filling Trominos</a>	226 / 389	–
 <a href="#">Grid Path Construction</a>	114 / 415	–
 <a href="#">Distinct Sums Grid</a>	73 / 126	–

## Advanced Graph Problems





 <a href="#">Graph Girth</a>	3142 / 3600	–
 <a href="#">Acyclic Graph Edges</a>	2080 / 2212	–
 <a href="#">Course Schedule II</a>	1726 / 2490	–
 <a href="#">Strongly Connected Edges</a>	1445 / 1604	–
 <a href="#">Prüfer Code</a>	1411 / 1525	–
 <a href="#">Even Outdegree Edges</a>	1235 / 1456	–
 <a href="#">Tree Traversals</a>	1109 / 1223	–
 <a href="#">Tree Isomorphism I</a>	1013 / 1217	–
 <a href="#">Network Breakdown</a>	937 / 996	–
 <a href="#">Network Renovation</a>	884 / 1181	–
 <a href="#">Tree Isomorphism II</a>	820 / 963	–
 <a href="#">Forbidden Cities</a>	755 / 995	–
 <a href="#">Visiting Cities</a>	637 / 844	–
 <a href="#">Nearest Shops</a>	487 / 634	–
 <a href="#">Flight Route Requests</a>	452 / 550	–
 <a href="#">Creating Offices</a>	387 / 501	–
 <a href="#">Critical Cities</a>	384 / 591	–
 <a href="#">MST Edge Check</a>	364 / 390	–
 <a href="#">New Flight Routes</a>	291 / 779	–
 <a href="#">Transfer Speeds Sum</a>	288 / 295	–

 <a href="#">MST Edge Cost</a>	259 / 270	—
 <a href="#">Fixed Length Walk Queries</a>	255 / 277	—
 <a href="#">Tree Coin Collecting I</a>	215 / 238	—
 <a href="#">Bus Companies</a>	179 / 183	—
 <a href="#">MST Edge Set Check</a>	158 / 178	—
 <a href="#">Graph Coloring</a>	151 / 175	—
 <a href="#">Tree Coin Collecting II</a>	113 / 133	—
 <a href="#">Split into Two Paths</a>	62 / 111	—

## Counting Problems

 <a href="#">Empty String</a>	1497 / 1827	—
 <a href="#">Permutation Inversions</a>	957 / 1054	—
 <a href="#">Counting Permutations</a>	831 / 941	—
 <a href="#">Grid Paths II</a>	703 / 877	—
 <a href="#">Counting Sequences</a>	612 / 658	—
 <a href="#">Filled Subgrid Count I</a>	361 / 400	—
 <a href="#">Counting Bishops</a>	361 / 404	—
 <a href="#">Functional Graph Distribution</a>	224 / 279	—
 <a href="#">Counting Reorders</a>	219 / 322	—
 <a href="#">Grid Completion</a>	209 / 264	—
 <a href="#">Filled Subgrid Count II</a>	186 / 223	—
 <a href="#">All Letter Subgrid Count I</a>	96 / 155	—
 <a href="#">All Letter Subgrid Count II</a>	85 / 100	—
 <a href="#">Collecting Numbers Distribution</a>	80 / 83	—
 <a href="#">Tournament Graph Distribution</a>	78 / 81	—
 <a href="#">Raab Game II</a>	70 / 82	—
 <a href="#">Border Subgrid Count II</a>	67 / 77	—
 <a href="#">Border Subgrid Count I</a>	62 / 108	—

## Additional Problems I

 <a href="#">Multiplication Table</a>	6159 / 6892	—
 <a href="#">Advertisement</a>	4029 / 4266	—
 <a href="#">Shortest Subsequence</a>	2841 / 3771	—
 <a href="#">Bit Inversions</a>	2174 / 2483	—
 <a href="#">Maximum Building I</a>	1948 / 2033	—

 <a href="#">Swap Game</a>	1931 / 2454	—
 <a href="#">Cyclic Array</a>	1092 / 1245	—
 <a href="#">Special Substrings</a>	919 / 1007	—
 <a href="#">Sorting Methods</a>	727 / 779	—
 <a href="#">Writing Numbers</a>	699 / 756	—
 <a href="#">Pyramid Array</a>	667 / 808	—
 <a href="#">Stack Weights</a>	548 / 651	—
 <a href="#">List of Sums</a>	443 / 578	—
 <a href="#">Distinct Values Sum</a>	440 / 453	—
 <a href="#">Distinct Values Splits</a>	308 / 327	—
 <a href="#">Beautiful Permutation II</a>	249 / 366	—
 <a href="#">Bubble Sort Rounds I</a>	231 / 267	—
 <a href="#">Letter Pair Move Game</a>	184 / 264	—
 <a href="#">Counting LCM Arrays</a>	173 / 185	—
 <a href="#">Subarray Sum Constraints</a>	172 / 185	—
 <a href="#">Permutation Subsequence</a>	147 / 151	—
 <a href="#">Square Subsets</a>	139 / 157	—
 <a href="#">Subsets with Fixed Average</a>	135 / 146	—
 <a href="#">Two Array Average</a>	132 / 149	—
 <a href="#">Water Containers Queries</a>	130 / 136	—
 <a href="#">Bubble Sort Rounds II</a>	129 / 151	—
 <a href="#">Nearest Campsites I</a>	109 / 126	—
 <a href="#">Nearest Campsites II</a>	109 / 118	—
 <a href="#">Maximum Average Subarrays</a>	104 / 115	—
 <a href="#">Water Containers Moves</a>	101 / 111	—

## Additional Problems II

 <a href="#">Stick Divisions</a>	3578 / 4202	—
 <a href="#">Coding Company</a>	1366 / 1806	—
 <a href="#">School Excursion</a>	1278 / 1358	—
 <a href="#">Book Shop II</a>	1094 / 1259	—
 <a href="#">Coin Grid</a>	799 / 939	—
 <a href="#">Mex Grid Queries</a>	794 / 933	—
 <a href="#">Increasing Array II</a>	740 / 855	—
 <a href="#">Food Division</a>	497 / 587	—
 <a href="#">Grid Puzzle I</a>	493 / 540	—

 <a href="#">Programmers and Artists</a>	455 / 641	—
 <a href="#">Grid Puzzle II</a>	453 / 499	—
 <a href="#">Maximum Building II</a>	417 / 512	—
 <a href="#">Swap Round Sorting</a>	393 / 484	—
 <a href="#">Bit Substrings</a>	356 / 435	—
 <a href="#">Reversal Sorting</a>	330 / 402	—
 <a href="#">Coin Arrangement</a>	306 / 413	—
 <a href="#">GCD Subsets</a>	281 / 288	—
 <a href="#">Binary Subsequences</a>	273 / 401	—
 <a href="#">Removing Digits II</a>	199 / 447	—
 <a href="#">Two Stacks Sorting</a>	159 / 503	—
 <a href="#">Bouncing Ball Steps</a>	154 / 168	—
 <a href="#">K Subset Sums I</a>	114 / 153	—
 <a href="#">Grid Coloring II</a>	89 / 111	—
 <a href="#">Knight Moves Queries</a>	84 / 100	—
 <a href="#">Replace with Difference</a>	84 / 101	—
 <a href="#">Same Sum Subsets</a>	72 / 132	—
 <a href="#">Minimum Cost Pairs</a>	65 / 89	—
 <a href="#">Bouncing Ball Cycle</a>	61 / 82	—
 <a href="#">K Subset Sums II</a>	57 / 81	—
 <a href="#">Stick Difference</a>	24 / 142	—