


thestoryofsnow的专栏

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展开

博客Markdown编辑器上线啦

那些年我们追过的Wrox精品红皮计算机图书

PMBOK第五版精讲视频教程

火星敏捷开发1001问

POJ 刷题顺序

分类: POJ

2014-11-09 02:50

1757人阅读

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举报

POJ从简到难（按照AC数目排序）的列表如下，作为小弱的刷题顺序。大牛们可以看后面倒排的hard表，还有四道题没人拿到first blood.

表格属性依次为：ID，Title，Ratio，AC，Submit

1000 A+B Problem 0.55 188072 338977

1004 Financial Management 0.41 58282 140301

1003 Hangover 0.48 50457 103742

1002 487-3279 0.17 431

1005 I Think I Need a Houseboat 0.43 38343 88354

1006 Biorhythms 0.31 3

1007 DNA Sorting 0.4 34009 84442

1001 Exponentiation 0.24 33788 138161

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1011 Sticks 0.23 28364 122434

1163 The Triangle 0.6 23032 38362

1273 Drainage Ditches 0.38 22044 57304

1050 To the Max 0.53 21905 41297

1008 Maya Calendar 0.3 20688 67112

3468 A Simple Problem with Integers 0.3 20163 65502

2388 Who's in the Middle 0.58 18859 32355

1159 Palindrome 0.34 18551 53718

1012 Joseph 0.37 18313 48530

1061 青蛙的约会 0.18 16934 92122

1664 放苹果 0.63 16916 26612

3264 Balanced Lineup 0.46 16810 35809

1258 Agri-Net 0.4 16790 41173

2027 No Brainer 0.65 16726 25560

1207 The 3n + 1 problem 0.31 16583 52190

1458 Common Subsequence 0.4 15819 39257

2200 Ultra-QuickSort 0.36 15660 43020

1125 Stockbroker Grapevine 0.55 15274 27560

3278 Catch That Cow 0.31 15133 48304

2533 Longest Ordered Subsequence 0.43 15103 34397

1017 Packets 0.33 15002 44410

1046 Color Me Less 0.48 14996 30808

1218 THE DRUNK JAILER 0.62 14963 23785

2352 Stars 0.43 14751 33816

2262 Goldbach's Conjecture 0.38 14726 38316

2503 Babelfish 0.42 14353 33447

来源: poj

POJ 刷题顺序 (1700)

POJ 1009不算解题报告 (1698)

VNCserver 配置 gnome (1654)

旅行商问题(travelling sa (1353)

Hulu笔试编程题--大整数 (1023)

Fast bit count问题（即计 (843)

求数组中最长递增子序列 (826)

POJ 2785 解题报告 (818)

豆瓣流行日志400 (808)

blog.csdn.net/thestoryofsnow/article/details/40942009

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评论排行

- [POJ 1009不算解题报告](#) (2)
- [链表中是否有环及环的起](#) (1)
- [geeksforgeeks Find the](#) (1)
- [小米笔试：最大子数组乘](#) (1)
- [USACO Wormholes 解是](#) (1)
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最新评论

- [USACO Wormholes 解题报告](#)  
wikioi\_bai: 楼主，USACO视频的讲解在那里看？ youtube打开是成人网站啊
- [链表中是否有环及环的起点](#) cycle liwuqi1\_1: //确定环的起点 slowPtr = head; while(slowPtr != ...
- [小米笔试：最大子数组乘积](#)  
upcwpx: 算法有问题case1: {0}case2: {1}case3: {-1, 0.1}
- [geeksforgeeks Find the maximum apple](#): good job!
- [POJ 1009不算解题报告的解题报](#)  
thestoryofsnw: @cdhql:可以的吧这道题我accept了。你也可以看看文中给的原文链接。
- [POJ 1009不算解题报告的解题报](#)  
影子魔术师: 我只想问问,这个代码能提交到poj上面么.提交就是error.....
- [POJ 1163解题报告](#)  
darkdream94: 动态规划，从下往上亦可

- 2406 Power Strings 0.41 13864 33381
- 1753 Flip Game 0.43 13723 31565
- 1182 食物链 0.29 13509 46390
- 2000 Gold Coins 0.62 13367 21324
- 1028 Web Navigation 0.44 13245 29656
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- 3624 Charm Bracelet 0.45 10895 24147
- 1062 昂贵的聘礼 0.28 10842 37563
- 2105 IP Address 0.57 10814 18733
- 2488 A Knight's Journey 0.34 10787 31626
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- 2485 Highways 0.46 10593 22996
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- 1915 Knight Moves 0.46 10357 22177
- 1330 Nearest Common Ancestors 0.52 10238 19334
- 1113 Wall 0.33 10170 30239
- 1703 Find them, Catch them 0.3 9986 32321
- 1276 Cash Machine 0.35 9980 27960
- 3461 Oulipo 0.4 9976 24833
- 1742 Coins 0.33 9967 29407
- 1363 Rails 0.39 9930 25280
- 3094 Quicksum 0.69 9871 14137
- 1019 Number Sequence 0.28 9858 34340
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3176 Cow Bowling 0.66 9368 14133  
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2187 Beauty Contest 0.31 8858 28543  
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1042 Gone Fishing 0.29 8733 29238  
2390 Bank Interest 0.59 8680 14521  
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1018 Communication System 0.35 8352 23504  
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3673 Cow Multiplication 0.69 8215 11824  
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3006 Dirichlet's Theorem on Arithmetic Progressions 0.5 8051 16047  
1922 Ride to School 0.4 7852 19424  
1065 Wooden Sticks 0.41 7820 18635  
1953 World Cup Noise 0.49 7808 15835  
2656 Unhappy Jinjin 0.73 7751 10606  
1308 Is It A Tree? 0.34 7700 22470  
1185 炮兵阵地 0.38 7686 19869  
2350 Above Average 0.52 7675 14561  
2418 Hardwood Species 0.39 7604 19301  
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1426 Find The Multiple 0.4 7498 18541  
1149 PIGS 0.44 7476 16679  
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1811 Prime Test 0.25 7448 29302  
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1860 Currency Exchange 0.35 7410 20662  
1789 Truck History 0.38 7354 19075  
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1543 Perfect Cubes 0.52 7295 13796

2255 Tree Recovery 0.62 7291 11610  
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1961 Period 0.47 6395 13580  
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3100 Root of the Problem 0.53 6290 11714  
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1102 LC-Display 0.39 6124 15366

2578 Keep on Truckin' 0.75 6122 8087  
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2728 Desert King 0.28 5899 20980  
1862 Stripies 0.47 5897 12423  
2231 Moo Volume 0.29 5887 19664  
3268 Silver Cow Party 0.44 5885 13107  
1166 The Clocks 0.4 5860 14605  
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2249 Binomial Showdown 0.3 5561 18253  
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3080 Blue Jeans 0.43 5490 12646  
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2196 Specialized Four-Digit Numbers 0.72 5429 7439  
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2635 The Embarrassed Cryptographer 0.26 3292 12347  
2601 Simple calculations 0.5 3290 6558  
2316 SPIN 0.51 3287 6358  
3292 Semi-prime H-numbers 0.43 3285 7606  
2914 Minimum Cut 0.42 3278 7749  
2942 Knights of the Round Table 0.32 3277 10074  
2456 Aggressive cows 0.5 3265 6520  
2886 Who Gets the Most Candies? 0.31 3262 10498  
1637 Sightseeing tour 0.41 3259 7783  
1659 Frogs' Neighborhood 0.42 3247 7561  
1063 Flip and Shift 0.46 3241 6935  
3422 Kaka's Matrix Travels 0.4 3236 8074  
3348 Cows 0.46 3228 7010  
1324 Holedox Moving 0.23 3223 13542  
3580 SuperMemo 0.32 3214 9961  
3687 Labeling Balls 0.28 3206 11189  
3258 River Hopscotch 0.43 3205 7402  
1036 Gangsters 0.27 3195 11451  
1442 Black Box 0.4 3194 7831  
3617 Best Cow Line 0.3 3189 10605  
2726 Holiday Hotel 0.39 3187 8125  
2891 Strange Way to Express Integers 0.3 3183 10487  
3982 序列 0.45 3180 7055  
2348 Euclid's Game 0.4 3174 7817  
3372 Candy Distribution 0.55 3174 5724  
1564 Sum It Up 0.51 3167 6139  
1989 The Cow Lineup 0.59 3139 5270

2153 Rank List 0.33 3139 9430  
1054 The Troublesome Frog 0.29 3133 10562  
3671 Dining Cows 0.42 3132 7375  
2992 Divisors 0.29 3108 10494  
2226 Muddy Fields 0.36 3103 8390  
1410 Intersection 0.25 3095 11949  
1928 The Peanuts 0.41 3082 7470  
2409 Let it Bead 0.65 3072 4671  
1905 Expanding Rods 0.26 3056 11750  
3304 Segments 0.3 3052 9900  
1228 Grandpa's Estate 0.27 3036 11066  
1158 TRAFFIC LIGHTS 0.41 3034 7279  
2018 Best Cow Fences 0.32 3019 9424  
1350 Cabric Number Problem 0.3 3008 9879  
3074 Sudoku 0.35 3007 8421  
2376 Cleaning Shifts 0.26 3001 11527  
1463 Strategic game 0.46 2990 6452  
3207 Ikki's Story IV - Panda's Trick 0.36 2990 8135  
2833 The Average 0.31 2983 9594  
1089 Intervals 0.39 2982 7482  
2545 Hamming Problem 0.45 2968 6457  
3026 Borg Maze 0.33 2968 8903  
1952 BUY LOW, BUY LOWER 0.34 2961 8549  
2250 Compromise 0.44 2955 6602  
2063 Investment 0.34 2952 8640  
2455 Secret Milking Machine 0.29 2936 9944  
3752 字母旋转游戏 0.37 2923 7755  
3678 Katu Puzzle 0.36 2922 7968  
3280 Cheapest Palindrome 0.48 2921 5994  
2723 Get Luffy Out 0.38 2911 7629  
2892 Tunnel Warfare 0.41 2910 7085  
1828 Monkeys' Pride 0.33 2897 8775  
1523 SPF 0.45 2879 6259  
1635 Subway tree systems 0.41 2868 6873  
1230 Pass-Muraille 0.31 2866 9221  
3637 Shopaholic 0.57 2866 4969  
1286 Necklace of Beads 0.41 2856 6813  
3255 Roadblocks 0.36 2855 7782  
2499 Binary Tree 0.46 2848 6165  
3087 Shuffle'm Up 0.46 2822 6024  
2482 Stars in Your Window 0.27 2820 10224  
2536 Gopher II 0.4 2816 6883  
3723 Conscription 0.34 2815 8086  
3983 快算24 0.61 2811 4584  
1154 LETTERS 0.47 2810 5940  
1661 Help Jimmy 0.31 2805 8774  
1101 The Game 0.3 2799 9195  
2451 Uyuw's Concert 0.39 2795 7147  
1039 Pipe 0.3 2794 9235  
2304 Combination Lock 0.61 2788 4542  
3683 Priest John's Busiest Day 0.34 2787 8176  
1995 Raising Modulo Numbers 0.58 2781 4790  
3219 Binomial Coefficients 0.41 2780 6705  
2796 Feel Good 0.27 2779 10167

1331 Multiply 0.53 2764 5162  
2594 Treasure Exploration 0.4 2759 6826  
3211 Washing Clothes 0.31 2753 8713  
2185 Milking Grid 0.42 2736 6493  
2028 When Can We Meet? 0.55 2733 4946  
3294 Life Forms 0.27 2733 9904  
3680 Intervals 0.41 2727 6591  
2356 Find a multiple 0.43 2726 6247  
3032 Card Trick 0.71 2725 3813  
2019 Cornfields 0.49 2717 5529  
1740 A New Stone Game 0.54 2715 4969  
2696 A Mysterious Function 0.69 2715 3917  
1606 Jugs 0.59 2707 4584  
1904 King's Quest 0.36 2707 7476  
1491 Pi 0.56 2704 4825  
3625 Building Roads 0.28 2696 9389  
2505 A multiplication game 0.5 2692 5369  
3017 Cut the Sequence 0.29 2692 9158  
3641 Pseudoprime numbers 0.4 2687 6623  
3615 Cow Hurdles 0.44 2683 6025  
3691 DNA repair 0.46 2667 5688  
1405 Heritage 0.37 2658 7149  
1496 Word Index 0.56 2654 4682  
3621 Sightseeing Cows 0.33 2654 7872  
2230 Watchcow 0.43 2648 6133  
3670 Eating Together 0.48 2644 5417  
1275 Cashier Employment 0.37 2639 7116  
2154 Color 0.32 2634 8050  
3714 Raid 0.3 2627 8710  
2248 Addition Chains 0.54 2615 4767  
3225 Help with Intervals 0.24 2614 10639  
3692 Kindergarten 0.48 2613 5358  
1815 Friendship 0.27 2596 9301  
3669 Meteor Shower 0.28 2596 9166  
3463 Sightseeing 0.35 2595 7281  
1107 W's Cipher 0.5 2594 5159  
2945 Find the Clones 0.37 2584 6948  
1751 Highways 0.27 2580 9253  
2864 Pascal Library 0.47 2574 5380  
3187 Backward Digit Sums 0.57 2573 4484  
1556 The Doors 0.4 2571 6410  
3608 Bridge Across Islands 0.29 2568 8710  
2452 Sticks Problem 0.26 2563 9685  
3051 Satellite Photographs 0.47 2563 5411  
3517 And Then There Was One 0.53 2556 4816  
2337 Catenyms 0.26 2553 9813  
1723 SOLDIERS 0.37 2551 6733  
2127 Greatest Common Increasing Subsequence 0.26 2551 9629  
3648 Wedding 0.3 2545 8438  
1091 跳蚤 0.29 2524 8499  
3370 Halloween treats 0.37 2520 6781  
2987 Firing 0.3 2519 8341  
1785 Binary Search Heap Construction 0.28 2515 8865  
2486 Apple Tree 0.33 2515 7493

2342 Anniversary party 0.56 2511 4430  
1575 Easier Done Than Said? 0.55 2503 4493  
1733 Parity game 0.38 2498 6452  
1666 Candy Sharing Game 0.66 2485 3734  
2612 Mine Sweeper 0.38 2485 6373  
3415 Common Substrings 0.33 2481 7458  
3735 Training little cats 0.23 2479 10375  
1106 Transmitters 0.53 2478 4630  
3311 Hie with the Pie 0.52 2477 4679  
2060 Taxi Cab Scheme 0.41 2476 5916  
2484 A Funny Game 0.6 2473 4082  
1949 Chores 0.46 2462 5246  
1597 Uniform Generator 0.47 2461 5214  
2782 Bin Packing 0.45 2461 5434  
2442 Sequence 0.32 2460 7478  
2079 Triangle 0.29 2458 8261  
3694 Network 0.35 2455 6895  
1221 UNIMODAL PALINDROMIC DECOMPOSITIONS 0.48 2437 5001  
3737 UmBasketella 0.38 2428 6234  
2054 Color a Tree 0.34 2425 7078  
1037 A decorative fence 0.36 2421 6608  
1704 Georgia and Bob 0.3 2412 7825  
2398 Toy Storage 0.59 2411 4064  
2985 The k-th Largest Group 0.32 2400 7412  
1416 Shredding Company 0.56 2399 4251  
1041 John's trip 0.32 2389 7257  
2029 Get Many Persimmon Trees 0.65 2382 3663  
2681 Anagrammatic Distance 0.55 2382 4310  
2480 Longge's problem 0.32 2380 7241  
2031 Building a Space Station 0.5 2377 4698  
3140 Contestants Division 0.28 2373 8294  
3427 Ecology tax 0.52 2370 4511  
2075 Tangled in Cables 0.39 2363 5995  
2704 Pascal's Travels 0.44 2361 5256  
3270 Cow Sorting 0.38 2359 6148  
2288 Islands and Bridges 0.25 2357 9127  
2549 Sumsets 0.27 2355 8518  
1279 Art Gallery 0.42 2349 5544  
2125 Destroying The Graph 0.31 2349 7387  
2312 Battle City 0.33 2346 6947  
1990 MooFest 0.43 2344 5426  
3048 Max Factor 0.39 2331 5905  
1981 Circle and Points 0.35 2328 6557  
3668 Game of Lines 0.37 2328 6234  
3104 Drying 0.25 2325 9162  
1082 Calendar Game 0.47 2321 4895  
1066 Treasure Hunt 0.41 2315 5574  
2365 Rope 0.35 2308 6524  
2396 Budget 0.38 2303 6054  
3320 Jessica's Reading Problem 0.31 2301 7312  
1186 方程的解数 0.34 2293 6692  
2394 Checking an Alibi 0.36 2292 6291  
2664 Prerequisites? 0.62 2291 3663  
1698 Alice's Chance 0.41 2283 5510

1126 Simply Syntax 0.44 2282 5137  
1978 Hanafuda Shuffle 0.57 2282 3951  
1265 Area 0.44 2280 5096  
2272 Bullseye 0.47 2279 4791  
2370 Democracy in danger 0.73 2277 3087  
1505 Copying Books 0.31 2271 7280  
1135 Domino Effect 0.24 2263 9061  
3308 Paratroopers 0.3 2261 7498  
2975 Nim 0.46 2254 4857  
1322 Chocolate 0.26 2253 8582  
1681 Painter's Problem 0.48 2251 4614  
1577 Falling Leaves 0.55 2247 4064  
2996 Help Me with the Game 0.64 2246 3501  
2378 Tree Cutting 0.59 2245 3756  
2151 Check the difficulty of problems 0.44 2241 5085  
2576 Tug of War 0.27 2240 8286  
3604 Professor Ben 0.25 2238 8750  
2339 Rock, Scissors, Paper 0.58 2235 3824  
2244 Eeny Meeny Moo 0.69 2229 3214  
1625 Censored! 0.27 2223 8227  
2941 Homogeneous Squares 0.52 2217 4253  
1152 An Easy Problem! 0.25 2208 8741  
2419 Forests 0.38 2206 5765  
2954 Triangle 0.43 2205 5100  
1147 Binary codes 0.38 2203 5651  
1830 开关问题 0.37 2203 5833  
2976 Dropping tests 0.34 2201 6378  
3366 Deli Deli 0.56 2191 3873  
2431 Expedition 0.29 2190 7384  
3069 Saruman's Army 0.51 2184 4252  
3613 Cow Relays 0.39 2168 5485  
1948 Triangular Pastures 0.32 2166 6649  
3076 Sudoku 0.48 2163 4443  
2749 Building roads 0.33 2158 6387  
3693 Maximum repetition substring 0.29 2158 7224  
2501 Average Speed 0.44 2153 4812  
2289 Jamie's Contact Groups 0.32 2141 6619  
1189 钉子和小球 0.29 2132 7138  
3335 Rotating Scoreboard 0.39 2131 5342  
3186 Treats for the Cows 0.5 2129 4230  
3635 Full Tank? 0.32 2126 6502  
3636 Nested Dolls 0.27 2125 7840  
3249 Test for Job 0.22 2121 9327  
2771 Guardian of Decency 0.42 2114 5021  
2436 Disease Management 0.47 2110 4462  
3007 Organize Your Train part II 0.28 2108 7278  
2014 Flow Layout 0.69 2103 3032  
2305 Basic remains 0.42 2100 4976  
1404 I-Keyboard 0.49 2094 4271  
3256 Cow Picnic 0.41 2087 5052  
2346 Lucky tickets 0.65 2086 3184  
2367 Genealogical tree 0.67 2086 3082  
1179 Polygon 0.41 2081 4959  
3157 Java vs C++ 0.28 2076 7305

2502 Subway 0.32 2073 6336  
2271 HTML 0.32 2071 6288  
3014 Cake Pieces and Plates 0.31 2061 6582  
3616 Milking Time 0.41 2057 4898  
2546 Circular Area 0.4 2052 5121  
1317 Do the Untwist 0.6 2050 3365  
3125 Printer Queue 0.53 2048 3796  
1696 Space Ant 0.64 2046 3192  
2603 Brave balloonists 0.42 2038 4776  
3659 Cell Phone Network 0.35 2033 5669  
2876 Cantoring Along 0.54 2029 3714  
1376 Robot 0.32 2026 6228  
1546 Basically Speaking 0.45 2017 4451  
3132 Sum of Different Primes 0.62 2015 3242  
3204 Ikki's Story I - Road Reconstruction 0.28 2009 6975  
3665 iCow 0.36 2009 5434  
2572 Hard to Believe, but True! 0.57 2006 3508  
1609 Tiling Up Blocks 0.39 2004 5129  
3300 Tour de France 0.47 2004 4184  
1155 TELE 0.52 1998 3775  
2709 Painter 0.62 1998 3212  
3155 Hard Life 0.28 1996 6906  
3666 Making the Grade 0.47 1995 4228  
3536 Beer Refrigerator 0.38 1993 5116  
1379 Run Away 0.3 1985 6463  
1835 宇航员 0.42 1985 4633  
1493 Machined Surfaces 0.63 1978 3127  
1156 A STRIP OF LAND 0.29 1973 6641  
1699 Best Sequence 0.39 1971 4976  
1220 NUMBER BASE CONVERSION 0.45 1965 4356  
1971 Parallelogram Counting 0.33 1964 5830  
3411 Paid Roads 0.35 1957 5509  
1906 Three powers 0.45 1952 4320  
1717 Dominoes 0.32 1946 5925  
1419 Graph Coloring 0.45 1942 4271  
1521 Entropy 0.39 1940 4960  
3661 Running 0.37 1936 5225  
3342 Party at Hali-Bula 0.35 1930 5435  
1580 String Matching 0.51 1929 3752  
1702 Eva's Balance 0.49 1927 3909  
3498 March of the Penguins 0.45 1926 4230  
1964 City Game 0.39 1924 4845  
3734 Blocks 0.45 1923 4273  
3331 The Idiot of the Year Contest! 0.52 1918 3643  
2472 106 miles to Chicago 0.46 1913 4153  
2661 Factstone Benchmark 0.51 1913 3747  
3450 Corporate Identity 0.37 1912 5152  
1985 Cow Marathon 0.5 1906 3790  
1734 Sightseeing trip 0.38 1905 4984  
2142 The Balance 0.43 1905 4347  
2643 Election 0.46 1905 4065  
2420 A Star not a Tree? 0.49 1901 3847  
1208 The Blocks Problem 0.41 1897 4540  
3189 Steady Cow Assignment 0.34 1893 5482

3525 Most Distant Point from the Sea 0.46 1887 4016  
2263 Heavy Cargo 0.53 1885 3528  
2800 Joseph's Problem 0.26 1882 7237  
3436 ACM Computer Factory 0.34 1881 5492  
1060 Modular multiplication of polynomials 0.45 1880 4111  
1781 In Danger 0.52 1878 3603  
2507 Crossed ladders 0.38 1876 4886  
1170 Shopping Offers 0.41 1873 4467  
3494 Largest Submatrix of All 1's 0.37 1872 5038  
2282 The Counting Problem 0.53 1871 3509  
1145 Tree Summing 0.23 1869 7978  
2993 Emag eht htiw Em Pleh 0.66 1861 2801  
3199 Uncle Jack 0.41 1851 4435  
3618 Exploration 0.48 1851 3827  
1966 Cable TV Network 0.47 1848 3927  
2336 Ferry Loading II 0.5 1846 3628  
2756 Autumn is a Genius 0.22 1845 8134  
2429 GCD & LCM Inverse 0.18 1836 9871  
1581 A Contesting Decision 0.71 1828 2573  
2780 Linearity 0.23 1825 7873  
2078 Matrix 0.51 1817 3499  
1027 The Same Game 0.37 1809 4868  
3662 Telephone Lines 0.36 1807 4943  
2121 English-Number Translator 0.38 1802 4632  
1950 Dessert 0.37 1800 4802  
1548 Robots 0.45 1797 3929  
2049 Finding Nemo 0.23 1787 7725  
3686 The Windy's 0.42 1778 4159  
3364 Black and white painting 0.68 1777 2591  
3262 Protecting the Flowers 0.4 1776 4395  
3511 Fermat's Christmas Theorem 0.21 1774 8392  
1132 Border 0.47 1772 3745  
3185 The Water Bowls 0.39 1762 4444  
3230 Travel 0.41 1761 4195  
1284 Primitive Roots 0.57 1759 3061  
1112 Team Them Up! 0.26 1758 6569  
2101 Honey and Milk Land 0.55 1757 3154  
2417 Discrete Logging 0.46 1756 3758  
2085 Inversion 0.44 1755 3926  
1390 Blocks 0.4 1748 4324  
3183 Stump Removal 0.52 1748 3327  
2286 The Rotation Game 0.33 1737 5215  
2610 Dog & Gopher 0.42 1734 4100  
3626 Mud Puddles 0.57 1734 2997  
3322 Bloxorzi 0.33 1729 5155  
3421 X-factor Chains 0.31 1729 5468  
2960 S-Nim 0.52 1725 3273  
1650 Integer Approximation 0.32 1724 5273  
2959 Ball bearings 0.57 1722 2972  
2955 Brackets 0.51 1716 3340  
2680 Computer Transformation 0.38 1715 4502  
3216 Repairing Company 0.26 1715 6385  
3623 Best Cow Line, Gold 0.36 1712 4654  
2894 Ancient Keyboard 0.55 1706 3073

3130 How I Mathematician Wonder What You Are! 0.53 1706 3199  
1984 Navigation Nightmare 0.38 1703 4480  
2082 Terrible Sets 0.52 1694 3250  
1468 Rectangles 0.51 1687 3278  
1584 A Round Peg in a Ground Hole 0.31 1683 5342  
3107 Godfather 0.34 1672 4857  
3404 Bridge over a rough river 0.4 1669 4076  
2685 Numeral System 0.76 1667 2168  
2624 4th Point 0.35 1661 4711  
1691 Painting A Board 0.49 1660 3368  
3378 Crazy Thairs 0.24 1660 6679  
1958 Strange Towers of Hanoi 0.66 1656 2492  
2629 Common permutation 0.3 1652 5423  
3191 The Moronic Cowmpouter 0.52 1649 3132  
1939 Diplomatic License 0.46 1648 3563  
1692 Crossed Matchings 0.64 1640 2527  
3071 Football 0.5 1637 3215  
2677 Tour 0.44 1632 3648  
2895 Best SMS to Type 0.42 1630 3869  
2457 Part Acquisition 0.43 1628 3758  
3974 Palindrome 0.35 1623 4554  
3181 Dollar Dayz 0.39 1622 4155  
3243 Clever Y 0.24 1618 6638  
1389 Area of Simple Polygons 0.5 1612 3165  
2750 Potted Flower 0.37 1610 4270  
1040 Transportation 0.4 1608 3968  
3286 How many 0's? 0.53 1607 3003  
3508 Hide That Number 0.3 1604 5329  
1739 Tony's Tour 0.46 1602 3435  
1877 Flooded! 0.31 1602 5066  
2763 Housewife Wind 0.25 1602 6293  
3194 Equidivisions 0.58 1596 2722  
1617 Crypto Columns 0.62 1593 2547  
2552 Assistance Required 0.58 1593 2741  
3386 Halloween Holidays 0.41 1591 3789  
3903 Stock Exchange 0.35 1591 4499  
1980 Unit Fraction Partition 0.39 1585 4058  
2010 Moo University - Financial Aid 0.3 1577 5245  
2947 Widget Factory 0.33 1574 4641  
3111 K Best 0.26 1573 5876  
1167 The Buses 0.27 1571 5703  
3646 The Dragon of Loowater 0.5 1571 3117  
1475 Pushing Boxes 0.34 1568 4559  
1509 Glass Beads 0.58 1564 2696  
1941 The Sierpinski Fractal 0.44 1564 3519  
1436 Horizontally Visible Segments 0.36 1560 4266  
1873 The Fortified Forest 0.28 1545 5429  
2535 Very Simple Problem 0.37 1542 4148  
1270 Following Orders 0.39 1541 3882  
1951 Extra Krunch 0.25 1536 6125  
2688 Cleaning Robot 0.41 1536 3728  
2949 Word Rings 0.21 1531 6997  
3260 The Fewest Coins 0.3 1529 5075  
1694 An Old Stone Game 0.45 1527 3345



1180 Batch Scheduling 0.46 1521 3304  
2021 Relative Relatives 0.43 1521 3475  
3720 Occurrence of Digits 0.41 1521 3677  
1484 Blowing Fuses 0.38 1515 3953  
2684 Polygonal Line Search 0.62 1513 2426  
3050 Hopscotch 0.71 1510 2109  
2948 Martian Mining 0.61 1508 2447  
3800 Repair Depots 0.74 1505 2009  
1555 Polynomial Showdown 0.34 1504 4315  
3036 Honeycomb Walk 0.68 1503 2183  
1099 Square Ice 0.39 1499 3821  
2495 Incomplete chess boards 0.61 1498 2441  
2325 Persistent Numbers 0.48 1492 3076  
3652 Persistent Bits 0.57 1490 2580  
1474 Video Surveillance 0.44 1487 3363  
1320 Street Numbers 0.55 1486 2673  
2888 Magic Bracelet 0.32 1486 4573  
1975 Median Weight Bead 0.5 1481 2911  
2491 Scavenger Hunt 0.54 1476 2723  
1243 One Person 0.66 1465 2189  
1079 Ratio 0.37 1463 3932  
2183 Bovine Math Geniuses 0.62 1463 2358  
2313 Sequence 0.39 1460 3679  
3444 Wavelet Compression 0.65 1458 2237  
3709 K-Anonymous Sequence 0.31 1458 4597  
2826 An Easy Problem?! 0.15 1455 9649  
1128 Frame Stacking 0.33 1452 4306  
3614 Sunscreen 0.34 1451 4179  
1252 Euro Efficiency 0.43 1448 3351  
2353 Ministry 0.32 1448 4513  
2139 Six Degrees of Cowin Bacon 0.46 1445 3117  
3420 Quad Tiling 0.43 1443 3337  
1365 Prime Land 0.46 1439 3125  
1719 Shooting Contest 0.36 1439 3940  
1127 Jack Straws 0.45 1438 3190  
1946 Cow Cycling 0.55 1437 2592  
2570 Fiber Network 0.45 1437 3126  
1329 Circle Through Three Points 0.42 1435 3401  
3744 Scout YYF I 0.27 1432 5237  
1383 Labyrinth 0.37 1430 3770  
1315 Don't Get Rooked 0.63 1429 2240  
2579 Blurred Vision 0.72 1429 1972  
2917 Diophantus of Alexandria 0.34 1427 4091  
2138 Travel Games 0.35 1426 3983  
3002 Jackpot 0.33 1426 4271  
1755 Triathlon 0.25 1424 5566  
1737 Connected Graph 0.49 1423 2903  
2940 Wine Trading in Gergovia 0.45 1423 3103  
3697 USTC campus network 0.31 1421 4583  
2369 Permutations 0.52 1419 2703  
1021 2D-Nim 0.45 1418 3129  
2402 Palindrome Numbers 0.37 1409 3734  
2034 Anti-prime Sequences 0.45 1407 3079  
2381 Random Gap 0.26 1403 5258

3913 Gnome Sequencing 0.68 1403 2045  
1084 Square Destroyer 0.42 1402 3297  
1150 The Last Non-zero Digit 0.29 1388 4778  
1299 Polar Explorer 0.34 1388 3970  
1248 Safecracker 0.55 1378 2494  
3565 Ants 0.3 1378 4447  
2887 Big String 0.23 1377 5855  
3629 Card Stacking 0.4 1374 3376  
2110 Mountain Walking 0.32 1368 4190  
3445 Elementary Additions 0.54 1367 2490  
1465 Multiple 0.21 1366 6262  
1184 聪明的打字员 0.2 1365 6588  
2096 Collecting Bugs 0.49 1364 2768  
1198 Solitaire 0.35 1363 3818  
2926 Requirements 0.33 1358 4001  
3384 Feng Shui 0.3 1357 4404  
1176 Party Lamps 0.34 1356 3946  
2117 Electricity 0.33 1354 4027  
3279 Fliptile 0.38 1353 3497  
1053 Set Me 0.46 1352 2934  
2441 Arrange the Bulls 0.38 1352 3548  
2607 Fire Station 0.35 1351 3809  
1782 Run Length Encoding 0.32 1350 4154  
1970 The Game 0.26 1343 5032  
1486 Sorting Slides 0.39 1342 3417  
2160 Box 0.36 1341 3660  
2425 A Chess Game 0.4 1336 3262  
1769 Minimizing maximizer 0.39 1330 3352  
2227 The Wedding Juicer 0.44 1330 3012  
1140 Expanding Fractions 0.39 1329 3332  
3767 I Wanna Go Home 0.42 1328 3113  
2673 Kicc Wants to Move a Mountain! 0.26 1325 5091  
1976 A Mini Locomotive 0.55 1321 2381  
2748 Logs Stacking 0.31 1320 4209  
1178 Camelot 0.46 1319 2811  
2440 DNA 0.39 1318 3324  
2907 Collecting Beepers 0.53 1313 2436  
1033 Defragment 0.34 1311 3771  
3425 Customer support 0.46 1311 2842  
1673 EXOCENTER OF A TRIANGLE 0.39 1309 3314  
2935 Basic Wall Maze 0.45 1308 2890  
3978 Primes 0.38 1307 3426  
1598 Excuses, Excuses! 0.34 1304 3765  
2246 Matrix Chain Multiplication 0.63 1297 2053  
2718 Smallest Difference 0.27 1290 4639  
3145 Harmony Forever 0.24 1289 5219  
3049 Securing the Barn 0.64 1288 1994  
2041 Unreliable Message 0.61 1286 2097  
2497 Strategies 0.48 1282 2627  
2584 T-Shirt Gumbo 0.46 1281 2743  
2613 Choose and divide 0.32 1279 3933  
3239 Solution to the n Queens Puzzle 0.36 1278 3476  
1192 最优连通子集 0.53 1275 2404  
3592 Instantaneous Transference 0.22 1273 5722

2042 Lagrange's Four-Square Theorem 0.45 1271 2821  
2126 Factoring a Polynomial 0.51 1270 2451  
3150 Cellular Automaton 0.4 1266 3148  
1240 Pre-Post-erous! 0.61 1263 2051  
2201 Cartesian Tree 0.38 1263 3239  
3298 Antimonotonicity 0.43 1260 2901  
1143 Number Game 0.4 1258 3135  
1603 Risk 0.46 1253 2689  
1686 Lazy Math Instructor 0.34 1252 3636  
2454 Jersey Politics 0.25 1252 4991  
3237 Tree 0.27 1249 4481  
2724 Purifying Machine 0.28 1246 4363  
3276 Face The Right Way 0.45 1246 2721  
3301 Texas Trip 0.3 1246 4104  
2241 The Tower of Babylon 0.56 1245 2208  
3480 John 0.47 1244 2626  
2860 Block game with the Little Prince 0.66 1242 1858  
1451 T9 0.35 1241 3465  
1848 Tree 0.34 1240 3609  
3432 Count Squares 0.43 1240 2823  
2537 Tight words 0.47 1238 2595  
3167 Cow Patterns 0.37 1237 3330  
1816 Wild Words 0.26 1233 4721  
1925 Spiderman 0.19 1233 6311  
2373 Dividing the Path 0.36 1232 3410  
2008 Moo University - Team Tryouts 0.28 1231 4270  
2668 Defending Castle 0.24 1231 5073  
1520 Scramble Sort 0.48 1230 2558  
2329 Nearest number - 2 0.3 1229 3968  
3345 Bribing FIPA 0.3 1219 3937  
1944 Fiber Communications 0.3 1218 4020  
2573 Bridge 0.35 1217 3459  
1590 Palindromes 0.34 1213 3484  
3685 Matrix 0.25 1208 4697  
1454 Factorial Frequencies 0.43 1199 2748  
2437 Muddy roads 0.48 1194 2484  
3039 Close Encounter 0.36 1193 3304  
3696 The Luckiest number 0.26 1192 4446  
1732 Phone numbers 0.32 1191 3694  
1120 A New Growth Industry 0.47 1186 2508  
3044 City Skyline 0.48 1181 2453  
1375 Intervals 0.29 1180 4046  
2004 Mix and Build 0.3 1179 3867  
3045 Cow Acrobats 0.39 1175 2984  
3078 Q 0.7 1175 1672  
1701 Dissatisfying Lift 0.21 1174 5338  
1962 Corporative Network 0.36 1173 3243  
2817 WordStack 0.35 1171 3255  
3275 Ranking the Cows 0.46 1170 2501  
1690 (Your)((Term)((Project))) 0.37 1168 3114  
3232 Accelerator 0.24 1168 4726  
2379 ACM Rank Table 0.26 1166 4442  
1408 Fishnet 0.63 1165 1823  
2408 Anagram Groups 0.26 1164 4373

3579 Median 0.29 1163 3962  
2918 Sudoku 0.54 1162 2115  
1945 Power Hungry Cows 0.24 1160 4708  
3046 Ant Counting 0.4 1155 2861  
2459 Feed Accounting 0.54 1146 2099  
2640 Playground 0.38 1145 2996  
2218 Does This Make Me Look Fat? 0.46 1136 2462  
3363 Annoying painting tool 0.66 1136 1703  
2273 An Excel-lent Problem 0.64 1135 1756  
1821 Fence 0.3 1130 3688  
2074 Line of Sight 0.31 1129 3566  
3417 Network 0.28 1129 3957  
2967 Triangles 0.15 1128 7484  
3340 Barbara Bennett's Wild Numbers 0.36 1128 3121  
2311 Cutting Game 0.36 1127 3054  
2225 Asteroids! 0.37 1126 2986  
3543 iChess 0.45 1125 2498  
3781 Nth Largest Value 0.65 1117 1709  
3581 Sequence 0.21 1116 5268  
3190 Stall Reservations 0.35 1115 3101  
2738 Two Ends 0.47 1114 2350  
2626 Chess 0.46 1113 2411  
1085 Triangle War 0.39 1110 2808  
1034 The dog task 0.4 1104 2754  
3037 Skiing 0.27 1103 4029  
1634 Who's the boss? 0.41 1102 2668  
2295 A DP Problem 0.31 1102 3518  
3916 Duplicate Removal 0.69 1102 1586  
1434 Fill the Cisterns! 0.33 1101 3243  
2540 Hotter Colder 0.41 1101 2664  
3101 Astronomy 0.21 1100 5070  
3728 The merchant 0.33 1099 3320  
1239 Increasing Sequences 0.37 1098 2920  
1031 Fence 0.33 1095 3267  
3512 Incidental Points 0.22 1091 4766  
1695 Magazine Delivery 0.48 1087 2221  
2631 Roads in the North 0.48 1084 2220  
1313 Booklet Printing 0.5 1078 2143  
1380 Equipment Box 0.26 1077 4056  
3753 根据关键字进行字符串拷贝 0.22 1074 4777  
1090 Chain 0.33 1068 3231  
2157 Maze 0.31 1068 3405  
3257 Cow Roller Coaster 0.39 1067 2725  
2526 Center of symmetry 0.44 1064 2380  
3018 Giftbox 0.28 1064 3781  
3213 PM3 0.34 1062 3041  
2443 Set Operation 0.39 1060 2695  
3768 Repeater 0.26 1058 3979  
1675 Happy Birthday! 0.24 1057 4260  
2038 Team Rankings 0.5 1057 2078  
3228 Gold Transportation 0.35 1057 2971  
3095 Linear Pachinko 0.73 1052 1426  
3505 Tower Parking 0.62 1052 1676  
3994 Probability One 0.68 1051 1524

1917 Automatic Poetry 0.5 1042 2048  
1926 Pollution 0.26 1041 3923  
3537 Crosses and Crosses 0.38 1041 2733  
3487 The Stable Marriage Problem 0.43 1039 2372  
3497 Assemble 0.32 1037 3236  
1974 The Happy Worm 0.22 1036 4647  
2973 Scrabble 0.57 1035 1801  
3690 Constellations 0.19 1033 5366  
2710 Consecutive Digits 0.61 1032 1685  
3695 Rectangles 0.28 1032 3613  
3716 Panda's Birthday Present 0.65 1031 1568  
3705 Reverse 0.31 1025 3214  
1636 Prison rearrangement 0.45 1023 2254  
2100 Graveyard Design 0.21 1020 4729  
2897 Dramatic Multiplications 0.41 1019 2431  
3310 Caterpillar 0.47 1019 2144  
2259 Team Queue 0.37 1015 2676  
3272 Cow Traffic 0.27 1015 3699  
2991 Crane 0.27 1013 3737  
2649 Factovisors 0.24 1011 4095  
3034 Whac-a-Mole 0.3 1010 3343  
1130 Alien Security 0.36 1008 2757  
3700 Missile Defence System 0.23 1008 4273  
2191 Mersenne Composite Numbers 0.47 1004 2095  
3528 Ultimate Weapon 0.47 1004 2093  
3347 Kadj Squares 0.39 1003 2570  
1856 Sea Battle 0.35 998 2816  
2179 Inlay Cutters 0.42 995 2367  
3084 Panic Room 0.51 987 1909  
2734 Queens, Knights and Pawns 0.49 983 1980  
2922 Honeymoon Hike 0.3 983 3249  
2264 Advanced Fruits 0.49 979 1968  
2893 M × N Puzzle 0.27 977 3506  
2646 The Trip 0.3 974 3165  
3373 Changing Digits 0.32 974 3008  
2508 Conic distance 0.41 972 2315  
2106 Boolean Expressions 0.3 971 3145  
3681 Finding the Rectangle 0.29 971 3295  
1057 FILE MAPPING 0.49 970 1961  
2564 Edit Step Ladders 0.37 967 2581  
3012 A Number from Yanghui Triangle 0.41 967 2322  
1932 XYZZY 0.28 964 3345  
2065 SETI 0.61 964 1561  
3612 Telephone Wire 0.36 962 2637  
2137 Cowties 0.33 961 2870  
2128 Highways 0.36 960 2613  
2355 Railway tickets 0.35 960 2703  
2722 Angle and Squares 0.41 960 2332  
3377 Ferry Lanes 0.21 960 4387  
3171 Cleaning Shifts 0.34 959 2753  
3093 Margaritas on the River Walk 0.37 958 2539  
3312 Mahershalalhashbaz, Nebuchadnezzar, and Billy Bob  
Benjamin Go to the Regionals 0.4 958 2340  
3600 Subimage Recognition 0.37 957 2555

3193 Cow Phrasebook 0.34 954 2794  
2872 Spelling Be 0.32 951 2965  
1920 Towers of Hanoi 0.44 948 2136  
1254 Hansel and Grethel 0.45 946 2081  
1385 Lifting the Stone 0.34 945 2725  
2795 Exploring Pyramids 0.45 943 2055  
1117 Pairs of Integers 0.25 937 3733  
2163 Easy Trading 0.45 937 2062  
3226 String's Puzzle 0.4 937 2327  
1281 MANAGER 0.36 934 2587  
2654 Rock-Paper-Scissors Tournament 0.36 934 2585  
2175 Evacuation Plan 0.26 933 3502  
1750 Dictionary 0.29 931 3203  
2430 Lazy Cows 0.38 928 2387  
3138 ACM Team Selection 0.49 928 1880  
3134 Power Calculus 0.53 927 1724  
2208 Pyramids 0.32 923 2800  
1823 Hotel 0.43 921 2137  
3385 Genealogy 0.29 921 3144  
2057 The Lost House 0.41 918 2236  
2366 Sacrament of the sum 0.45 917 2007  
3307 Smart Sister 0.4 917 2237  
3406 Last digit 0.3 917 3041  
2565 Average is not Fast Enough! 0.44 916 2075  
1193 内存分配 0.2 913 4407  
2228 Naptime 0.39 913 2287  
3460 Booksort 0.45 912 1999  
2923 Relocation 0.41 911 2206  
2984 A New Joseph Problem 0.23 910 3843  
2069 Super Star 0.26 909 3444  
3263 Tallest Cow 0.46 906 1964  
1049 Microprocessor Simulation 0.29 905 3091  
1563 The Snail 0.47 905 1903  
1283 Moving Computer 0.44 903 2032  
3332 Parsing Real Numbers 0.38 903 2368  
3133 Manhattan Wiring 0.58 902 1530  
2662 A Walk Through the Forest 0.36 897 2465  
1760 Disk Tree 0.36 894 2420  
1787 Charlie's Change 0.28 894 3132  
3917 Rock, Paper, Scissors 0.61 891 1450  
1473 There's Treasure Everywhere! 0.44 889 1989  
1485 Fast Food 0.37 888 2383  
2193 Lenny's Lucky Lotto Lists 0.42 888 2090  
3160 Father Christmas flymouse 0.33 888 2652  
2567 Code the Tree 0.38 887 2306  
2581 Exact Change Only 0.34 884 2588  
3390 Print Words in Lines 0.53 884 1653  
3764 The xor-longest Path 0.22 883 4004  
3047 Bovine Birthday 0.46 881 1905  
1706 References 0.2 880 4196  
2812 Extrusion 0.58 878 1498  
2838 Graph Connectivity 0.26 876 3351  
3440 Coin Toss 0.27 876 3244  
2908 Quantum 0.3 873 2832

2424 Flo's Restaurant 0.31 872 2812  
3715 Blue and Red 0.26 872 3244  
1043 What's In A Name? 0.35 871 2426  
1406 Starship Hakodate-maru 0.62 871 1397  
3639 Exchange Rates 0.35 870 2458  
1671 Rhyme Schemes 0.56 864 1541  
2404 Jogging Trails 0.39 864 2171  
1300 Door Man 0.4 862 2148  
3640 Conformity 0.31 862 2748  
3439 Server Relocation 0.36 861 2381  
2059 Watchdog 0.63 860 1345  
2556 Edge 0.69 860 1235  
2810 Take Your Vitamins 0.29 860 2952  
3088 Push Botton Lock 0.62 858 1364  
2657 Comfort 0.34 852 2484  
3561 Pseudographical recognizer 0.41 847 2029  
2062 Card Game Cheater 0.5 846 1685  
2781 The mysterious X network 0.42 846 2004  
3338 Rectangle Cutting 0.66 845 1277  
1589 Unix Is 0.33 842 2489  
2460 Brownie Points I 0.63 839 1317  
3682 King Arthur's Birthday Celebration 0.31 839 2680  
1972 Dice Stacking 0.62 836 1347  
2641 Billiard 0.61 836 1354  
2772 Up the Stairs 0.45 836 1841  
3128 Leonardo's Notebook 0.44 835 1883  
3174 Alignment of the Planets 0.49 833 1679  
3192 DNA Assembly 0.43 833 1930  
1309 Coconuts, Revisited 0.41 832 2008  
2465 Adventures in Moving - Part IV 0.35 830 2344  
2555 Drink, on Ice 0.6 830 1382  
3374 Cake Share 0.26 829 3139  
1044 Date bugs 0.29 828 2852  
2006 Litmus Test 0.53 828 1549  
3675 Telescope 0.28 827 2897  
3510 A Tale from the Dark Side of the Moon 0.28 825 2934  
3928 Ping pong 0.37 825 2174  
2818 Making Change 0.53 824 1536  
1059 Chutes and Ladders 0.03 820 20952  
2969 Divisibility by 15 0.25 819 3182  
3544 Journey with Pigs 0.3 818 2693  
1940 Polygon Programming with Ease 0.63 815 1285  
3437 Tree Grafting 0.43 814 1866  
2978 Colored stones 0.47 812 1723  
3844 Divisible Subsequences 0.36 812 2253  
2056 The Separator in Grid 0.3 811 2668  
3358 Period of an Infinite Binary Expansion 0.26 809 3041  
3146 Interesting Yang Hui Triangle 0.47 808 1685  
3244 Difference between Triplets 0.32 808 2502  
2585 Window Pains 0.49 807 1621  
2675 Songs 0.39 807 2055  
1024 Tester Program 0.35 806 2273  
2210 Metric Time 0.3 806 2605  
2599 A funny game 0.42 806 1913

3282 Ferry Loading IV 0.4 806 1991  
3175 Finding Bovine Roots 0.19 805 4056  
1788 Building a New Depot 0.41 804 1956  
3407 Brookebond s'en va en guerre... 0.48 804 1659  
2374 Fence Obstacle Course 0.36 796 2184  
2666 Back to Mother Ship 0.32 795 2410  
1165 The Primes 0.42 791 1853  
2951 Cake Cutting 0.54 791 1455  
3367 Expressions 0.32 791 2405  
3170 Knights of Ni 0.43 789 1797  
3486 Computers 0.42 789 1850  
2799 IP Networks 0.37 787 2096  
1923 Fourier's Lines 0.32 786 2438  
2837 Silver Matrix 0.63 786 1244  
2368 Buttons 0.25 785 3078  
3114 Countries in War 0.29 784 2636  
1721 CARDS 0.53 783 1468  
3180 The Cow Prom 0.63 782 1230  
1354 Placement of Keys 0.52 780 1474  
3221 Diamond Puzzle 0.54 779 1418  
1122 FDNY to the Rescue! 0.3 778 2550  
1934 Trip 0.25 775 3028  
3375 Network Connection 0.23 775 3330  
1632 Vase collection 0.37 773 2053  
2361 Tic Tac Toe 0.37 771 2082  
2627 Gopher and hawks 0.38 770 1991  
2699 The Maximum Number of Strong Kings 0.46 770 1649  
2046 Gap 0.44 769 1724  
3435 Sudoku Checker 0.44 769 1732  
3129 How I Wonder What You Are! 0.72 767 1065  
3475 Paper-, er, Transcript-Folding Game 0.35 767 2167  
1105 S-Trees 0.53 765 1425  
1838 Banana 0.36 760 2064  
3283 Card Hands 0.3 760 2454  
1305 Fermat vs. Pythagoras 0.58 758 1289  
3075 Tic-Tac-Toe 0.42 756 1760  
1786 Bridge Hands 0.4 754 1857  
1780 Code 0.36 753 2044  
2447 RSA 0.21 751 3478  
2766 Laserbox 0.56 750 1328  
1738 An old Stone Game 0.26 748 2860  
2683 Ohgas' Fortune 0.61 748 1212  
3509 Rotating Rings 0.38 747 1937  
2030 The Secret Number 0.34 743 2180  
2956 Repeatless Numbers 0.42 743 1761  
1894 Alternative Scale of Notation 0.36 740 2025  
1909 Marbles on a tree 0.5 740 1479  
1914 Cramer's Rule 0.23 737 3074  
2044 Weather Forecast 0.32 736 2238  
2188 Cow Laundry 0.64 732 1127  
3158 Kickdown 0.45 732 1626  
3416 Crossing 0.46 731 1583  
2458 Rigging the Bovine Election 0.44 730 1657  
3365 Cylinder 0.42 730 1722



2803 Defining Moment 0.45 729 1596  
3742 Equivalent Polynomial 0.28 729 2600  
2619 Delta-wave 0.47 728 1521  
2068 Nim 0.56 727 1285  
3042 Grazing on the Run 0.4 726 1811  
1174 Contact 0.3 725 2381  
2283 Different Digits 0.26 724 2687  
2258 The Settlers of Catan 0.65 720 1102  
2111 Millenium Leapcow 0.37 719 1917  
3297 Open Source 0.41 719 1717  
1927 Area in Triangle 0.53 714 1331  
2577 Interpreter 0.34 713 2068  
3519 Minimal Backgammon 0.58 713 1212  
2261 France '98 0.63 712 1116  
3488 Arne Saknussemm 0.53 711 1317  
3699 miniSQL 0.29 711 2391  
1187 陨石的秘密 0.35 710 2019  
1806 Manhattan 2025 0.53 710 1332  
2904 The Mailboxes Manufacturers Problem 0.71 709 986  
3208 Apocalypse Someday 0.46 709 1527  
2939 Flavius Josephus Reloaded 0.38 708 1843  
2215 Parliament 0.66 707 1058  
1722 SUBTRACT 0.43 705 1631  
3326 Analyzing Login/Logout Records 0.48 705 1453  
3622 Gourmet Grazers 0.36 704 1955  
1471 Triangles 0.36 702 1914  
1959 Darts 0.57 702 1218  
3656 Rock Skipping 0.4 701 1728  
3328 Cliff Climbing 0.37 700 1888  
2934 Automatic Correction of Misspellings 0.3 699 2321  
3653 Here We Go(relians) Again 0.42 696 1631  
2464 Brownie Points II 0.35 695 1967  
2912 Rochambeau 0.35 695 1974  
3458 Colour Sequence 0.62 692 1103  
3501 Escape from Enemy Territory 0.27 692 2510  
3399 Product 0.24 691 2849  
1870 Bee Breeding 0.41 690 1665  
2023 Choose Your Own Adventure 0.4 690 1684  
2686 Traveling by Stagecoach 0.33 690 2086  
2694 A Simple Poker Game 0.48 690 1429  
1332 Finding Liars 0.44 689 1535  
1430 Binary Stirling Numbers 0.38 688 1795  
2620 Minimal coverage 0.3 688 2276  
1678 I Love this Game! 0.38 687 1782  
1744 Elevator Stopping Plan 0.33 687 2049  
3103 Cutting a Block 0.49 687 1377  
2265 Bee Maja 0.64 684 1064  
2400 Supervisor, Supervisee 0.28 682 2424  
2351 Time Zones 0.27 681 2445  
2410 Simple Computers 0.32 681 2072  
1784 Huffman's Greed 0.59 679 1144  
2166 Heapsort 0.54 679 1256  
1868 Antiarithmetic? 0.5 677 1352  
2527 Polynomial Remains 0.56 677 1198

1629 Fillword 0.52 676 1284  
2274 The Race 0.2 676 3256  
3724 Find the parameter 0.2 676 3262  
1244 Slots of Fun 0.57 675 1167  
1314 Finding Rectangles 0.37 675 1810  
2882 Food Cubes 0.24 674 2708  
3154 Graveyard 0.51 674 1318  
3162 Walking Race 0.24 674 2774  
1188 Gleaming the Cubes 0.53 673 1262  
3003 Spiderman's workout 0.38 673 1759  
3645 Smeech 0.26 673 2536  
2375 Cow Ski Area 0.27 672 2402  
2471 Bullshit Bingo 0.34 671 1951  
3761 Bubble Sort 0.32 671 2093  
2569 Etaoin Shrdlu 0.52 670 1286  
3251 Big Square 0.24 668 2769  
1319 Pipe Fitters 0.44 667 1485  
2275 Flipping Pancake 0.44 667 1490  
3785 The Next Permutation 0.73 667 908  
3654 Electronic Document Security 0.59 662 1112  
3398 Perfect Service 0.48 661 1365  
1677 Girls' Day 0.2 660 3226  
2986 A Triangle and a Circle 0.22 660 2919  
4011 Automated Telephone Exchange 0.52 660 1260  
2751 Saving Endeavour 0.56 656 1155  
2832 How Many Pairs? 0.36 655 1804  
1992 Jack 0.33 649 1936  
2539 Division 0.26 648 2437  
3265 Problem Solving 0.4 648 1583  
2323 PERMS 0.49 647 1309  
3040 Allowance 0.41 647 1570  
1977 Odd Loving Bakers 0.33 642 1934  
2558 Genetic Code 0.53 642 1197  
1809 Regetni 0.37 640 1687  
1175 Starry Night 0.38 638 1671  
3339 Team Arrangement 0.25 638 2473  
2256 Artificial Intelligence? 0.48 637 1302  
1687 Buggy Sat 0.44 636 1415  
2334 Simple prefix compression 0.47 635 1331  
1935 Journey 0.38 634 1656  
3419 Difference Is Beautiful 0.3 633 2048  
3172 Scales 0.25 632 2451  
1930 Dead Fraction 0.31 631 2007  
2846 The Bank of Kalii 0.42 630 1486  
3400 Dropping the stones 0.35 630 1761  
1728 A flea on a chessboard 0.32 629 1911  
1899 Farmer Bill's Problem 0.25 629 2437  
3601 Tower of Hanoi 0.34 629 1838  
3762 The Bonus Salary! 0.26 628 2391  
1472 Instant Complexity 0.34 627 1816  
3725 I know the k-th integer 0.21 627 2908  
1763 Shortcut 0.32 626 1949  
2847 The Cubic End 0.48 626 1291  
2587 Airline Hub 0.32 621 1905

2849 brainf\*ck 0.37 621 1639  
1417 True Liars 0.3 620 2037  
3702 Chessman 0.42 619 1463  
3139 Balancing the Scale 0.39 617 1560  
1715 Hexadecimal Numbers 0.27 616 2271  
1297 Supermarket 0.38 615 1593  
1432 Decoding Morse Sequences 0.41 615 1484  
3566 Building for UN 0.44 615 1396  
1770 Special Experiment 0.33 613 1815  
2982 Time Travel 0.15 611 4030  
2397 Spiderman 0.38 610 1604  
2711 Leapin' Lizards 0.39 608 1528  
1794 Castle Walls 0.36 607 1677  
2003 Hire and Fire 0.27 607 2194  
3449 Geometric Shapes 0.42 607 1432  
3784 Running Median 0.49 607 1235  
1312 Numerically Speaking 0.58 606 1033  
2047 Concert Hall Scheduling 0.45 606 1346  
3214 Heap 0.21 606 2785  
1759 Garland 0.44 604 1357  
2659 Bomb Game 0.43 604 1399  
2850 Stacking Cylinders 0.54 604 1102  
1776 Task Sequences 0.28 603 2136  
3369 Grocery store 0.39 602 1509  
1022 Packing Unit 4D Cubes 0.31 601 1917  
3337 Expression Evaluator 0.3 601 1945  
3658 Artificial Lake 0.33 601 1802  
2674 Linear world 0.22 600 2684  
3327 Cut the Cake 0.38 600 1566  
1586 Three Sides Make a Triangle 0.15 599 3751  
3388 Japanese Puzzle 0.28 599 2091  
2194 Stacking Cylinders 0.53 598 1126  
3124 The Bookcase 0.3 598 1967  
1572 Automatic Editing 0.46 597 1288  
1929 Calories from Fat 0.52 597 1147  
2705 Overflowing Bookshelf 0.55 597 1080  
3141 Distant Galaxy 0.31 597 1910  
3921 Destroying the bus stations 0.32 592 1827  
2867 Where Are My Genes 0.44 590 1336  
2415 Hike on a Graph 0.43 588 1355  
2504 Bounding box 0.41 587 1417  
2005 Blackjack 0.27 582 2095  
2744 Atomic Car Race 0.48 580 1198  
2964 Tourist 0.41 579 1411  
2989 All Friends 0.27 579 2092  
1169 Packing Rectangles 0.54 578 1064  
1069 The Bermuda Triangle 0.47 577 1211  
1826 The Best Farm 0.31 577 1830  
2426 Remainder 0.18 577 3073  
1907 Work Reduction 0.35 576 1630  
3587 The Biggest Cake 0.17 576 3282  
2758 Checking the Text 0.21 574 2628  
1849 Two 0.49 572 1161  
2380 Sales Report 0.29 570 1928

2463 Bungee Jumping 0.44 565 1275  
1642 Stacking Cubes 0.39 564 1439  
1414 Life Line 0.73 563 768  
2358 Queens in peaceful positions 0.47 563 1179  
1048 Follow My Logic 0.28 562 1950  
1855 Mint 0.35 561 1581  
2438 Children's Dining 0.13 561 4197  
2444 Partition a Matrix 0.26 560 2085  
2961 Sylvester construction 0.46 560 1206  
2189 Romeo Meets Juliet 0.45 559 1223  
2296 Map Labeler 0.32 559 1716  
2958 Pizza delivery 0.42 558 1313  
2977 Box walking 0.26 558 2092  
3590 The shuffle Problem 0.32 558 1696  
2152 Fire 0.5 557 1114  
2496 Military Recruit 0.48 557 1144  
3038 Flying Right 0.35 557 1580  
3072 Robot 0.34 557 1631  
3710 Christmas Game 0.31 557 1791  
1351 Number of Locks 0.48 556 1136  
3597 Polygon Division 0.52 556 1056  
2566 Bound Found 0.32 555 1688  
3073 Spam 0.57 555 964  
3269 Building A New Barn 0.32 555 1725  
1569 Myacm Triangles 0.57 554 966  
3343 Against Mammoths 0.32 554 1726  
3371 Flesch Reading Ease 0.29 551 1880  
2284 That Nice Euler Circuit 0.31 550 1770  
2660 War on Weather 0.57 550 955  
1583 Choose Your Words Carefully 0.3 549 1796  
2827 Auto-Calculation Machine 0.32 549 1687  
2475 Any fool can do it 0.37 548 1462  
1119 Start Up the Startup 0.24 545 2184  
2167 Irrelevant Elements 0.24 544 2209  
2331 Water pipe 0.25 544 2093  
3357 Oreon 0.26 544 2039  
3504 Obfuscation 0.2 544 2643  
3638 Moogle 0.45 544 1205  
3594 Escort of Dr. Who How 0.24 541 2222  
1676 What time is it? 0.39 540 1376  
2354 Titanic 0.25 539 2132  
3380 Bridges 0.28 539 1867  
1727 Advanced Causal Measurements (ACM) 0.34 538 1541  
3674 Super Assassin 0.22 538 2394  
3991 Seinfeld 0.45 538 1174  
3065 Stargates 0.22 537 2381  
1987 Distance Statistics 0.31 535 1681  
3782 Equal Sum Partitions 0.72 535 737  
1078 Gizilch 0.38 534 1384  
3657 Haybale Guessing 0.27 534 1954  
2550 Zipf's Law 0.3 531 1763  
3195 Generalized Matrioshkas 0.29 531 1821  
2859 A rectangle 0.24 530 2154  
3513 Let's Go to the Movies 0.22 528 2393

3842 An Industrial Spy 0.39 527 1320  
4046 Sightseeing 0.21 527 2480  
2132 Cow Math 0.34 526 1524  
2715 Paint Mix 0.33 525 1590  
3729 Facer's string 0.29 525 1754  
1771 Elevator Stopping Plan 0.33 524 1584  
2541 Binary Witch 0.36 524 1442  
2645 Boastin' Red Socks 0.24 524 2121  
3168 Barn Expansion 0.25 524 2023  
3027 Base equality 0.62 521 833  
3801 Crazy Circuits 0.82 521 633  
1693 Counting Rectangles 0.52 520 990  
1859 The Perfect Symmetry 0.38 519 1333  
1289 The Cat in the Hat 0.34 517 1482  
2302 Traditional BINGO 0.48 516 1062  
3359 Wordfish 0.5 515 1018  
2279 Mr. Young's Picture Permutations 0.5 514 1017  
1096 Space Station Shielding 0.35 513 1433  
2176 Folding 0.37 513 1354  
2943 The Cow Doctor 0.33 513 1514  
1896 Code Formatting 0.35 512 1438  
2568 Decode the Tree 0.4 512 1269  
3055 Digital Friends 0.46 511 1092  
3105 Expectation 0.49 511 1023  
1591 M\*A\*S\*H 0.52 510 963  
2932 Coneology 0.17 510 2981  
2269 Friends 0.46 509 1083  
2530 Tetris Alphabet 0.4 508 1253  
2614 Old Wine Into New Bottles 0.3 508 1665  
2359 Questions 0.36 506 1376  
3376 Finding Palindromes 0.17 506 2830  
3731 Escape 0.31 506 1611  
1071 Illusive Chase 0.44 505 1125  
3344 Chessboard Dance 0.36 505 1377  
2595 Min-Max 0.22 504 2198  
3393 Lucky and Good Months by Gregorian Calendar 0.32 504 1531  
2131 Key Insertion 0.25 503 1990  
2890 Matrix Multiplication 0.31 503 1615  
1241 Knockout Tournament 0.62 502 806  
1292 Will Indiana Jones Get There? 0.27 502 1828  
1482 It's not a Bug, It's a Feature! 0.37 500 1320  
1874 Trade on Verweggistan 0.29 499 1707  
3602 Typographical Ligatures 0.45 498 1104  
1285 Combinations, Once Again 0.33 497 1488  
2015 Permutation Code 0.44 497 1126  
3476 A Game with Colored Balls 0.16 497 3062  
1205 Water Treatment Plants 0.6 495 822  
1882 Stamps 0.35 495 1406  
3316 Snakes on a Plane 0.37 495 1311  
3605 Sheryl's Circuit I 0.41 495 1193  
3852 String LD 0.54 494 901  
3303 Halls 0.28 493 1733  
1708 Game 0.33 492 1485  
2435 Navigating the City 0.54 492 902

3066 Maximum 0.6 490 808  
1092 Farmland 0.38 489 1268  
1997 Word Puzzle 0.44 489 1090  
1392 Ouroboros Snake 0.49 488 984  
2920 Mine Map 0.47 488 1017  
2280 Amphiphilic Carbon Molecules 0.33 487 1447  
2712 Netiquette 0.32 487 1493  
1918 Ranking List 0.28 486 1676  
1400 Complicated Expressions 0.32 485 1502  
3231 FlashGet 0.16 485 2918  
1398 Complete the sequence! 0.51 484 945  
1879 Tempus et mobilius Time and motion 0.59 484 812  
2254 Globetrotter 0.33 484 1438  
2698 Servicing DVD Requests 0.3 484 1599  
3456 Frobenius 0.5 484 953  
3585 Accumulation Degree 0.24 484 1976  
1644 To Bet or Not To Bet 0.31 482 1521  
2609 Ferry Loading 0.28 482 1675  
3092 Non-divisible 2-3 Power Sums 0.49 482 982  
3925 Minimal Ratio Tree 0.36 482 1307  
4047 Garden 0.35 482 1367  
1566 Haiku Review 0.63 481 763  
2466 Pairsumonious Numbers 0.5 481 957  
2693 Chocolate Chip Cookies 0.25 481 1914  
2737 Swamp Things 0.33 481 1434  
1761 Easy Task 0.34 480 1385  
2500 Pia's Party 0.24 480 1930  
3317 Stake Your Claim 0.37 480 1291  
2165 Gunman 0.36 479 1317  
2171 Amusing Numbers 0.39 479 1205  
1093 Formatting Text 0.23 478 2054  
1396 Simple Arithmetics 0.25 478 1911  
3413 RPG 0.33 478 1426  
3098 Frugal Search 0.47 477 1003  
1808 Quadratic Residues 0.33 476 1426  
3131 Cubic Eight-Puzzle 0.33 476 1422  
2232 New Stone-Forfex-Cloth Game 0.4 475 1172  
1501 Word-Search Wonder 0.38 474 1239  
2174 Decoding Task 0.45 474 1050  
4044 Score Sequence 0.38 474 1244  
1660 Princess FroG 0.41 473 1140  
2784 Buy or Build 0.42 473 1124  
2493 Rdeaalbe 0.24 472 1908  
2836 Rectangular Covering 0.27 471 1725  
3765 Xiang Hex 0.5 471 926  
1263 Reflections 0.41 470 1135  
1480 Optimal Programs 0.36 470 1299  
2490 Pimp My Ride 0.3 470 1564  
3408 The Domino Principle 0.26 470 1805  
2605 Simple game on a grid 0.52 469 897  
2831 Can We Build This One? 0.37 466 1239  
3736 Snipe the Sniper 0.36 465 1281  
1103 Maze 0.4 464 1157  
1765 November Rain 0.21 462 2135

4045 Power Station 0.39 462 1162  
1610 Quad Trees 0.5 460 909  
2898 Entertainment 0.17 460 2604  
3465 Battle 0.24 460 1864  
1991 Turning in Homework 0.44 459 1030  
3060 Make it Manhattan 0.42 459 1073  
2257 Balancing Bank Accounts 0.47 458 969  
2116 Death to Binary? 0.3 457 1487  
3904 Sky Code 0.3 456 1482  
2671 Jimmy's Bad Day 0.32 455 1387  
2786 Keep the Customer Satisfied 0.38 455 1183  
3546 Sea battle 0.36 453 1240  
1245 Programmer, Rank Thyself 0.37 452 1196  
1618 Decorations 0.44 452 1009  
3109 Inner Vertices 0.26 450 1718  
3184 Finicky Grazers 0.27 449 1625  
1293 Duty Free Shop 0.39 448 1138  
3099 Go Go Gorelians 0.6 448 736  
3863 Business Center 0.4 447 1102  
1237 The Postal Worker Rings Once 0.63 445 701  
3483 Loan Scheduling 0.53 445 826  
2050 Searching the Web 0.21 444 2031  
2276 Model Rocket Height 0.57 444 773  
1137 The New Villa 0.32 443 1347  
3314 Plaque Pack 0.46 443 943  
1058 The Gourmet Club 0.3 442 1464  
3401 String reduction 0.32 442 1342  
2703 Maximum Area Covered by Rectangles 0.44 441 992  
2952 Election 0.47 441 934  
2658 Song 0.27 439 1602  
1973 Software Company 0.42 438 1020  
2133 Cow Imposters 0.26 437 1638  
1231 The Alphabet Game 0.39 436 1105  
2732 Countdown 0.33 436 1287  
3786 Adjacent Bit Counts 0.82 435 525  
1217 FOUR QUARTERS 0.45 434 950  
3179 Corral the Cows 0.44 432 967  
3593 Sea Base Exploration 0.27 432 1573  
2937 Dihedral Groups 0.32 430 1336  
3499 Containers 0.26 430 1608  
2045 Molecular Formula 0.51 428 831  
3412 Ray 0.21 428 2034  
3485 Highway 0.45 427 935  
3227 Mountains 0.27 425 1571  
1888 Crossword Answers 0.46 424 913  
3361 Gaussian Prime Factors 0.32 424 1310  
2679 Adventurous Driving 0.28 422 1504  
3760 魔兽世界(修订版) 0.23 422 1782  
1234 Ball Toss 0.45 421 923  
2197 Jill's Tour Paths 0.29 420 1411  
2862 Tornado! 0.37 420 1134  
3970 Party 0.37 420 1116  
2114 Boatherds 0.32 419 1280  
3895 Cycles of Lanes 0.37 419 1124

1100 Dreisam Equations 0.2 418 2049  
3516 Johnny Hates Math 0.12 418 3413  
2720 Last Digits 0.2 417 2031  
2928 A City of Skyscrapers 0.25 417 1618  
2597 Line Segment Erase 0.28 416 1460  
3290 WFF 'N PROOF 0.49 416 840  
1291 This Sentence is False 0.43 415 962  
1025 Department 0.23 414 1761  
3631 Cuckoo Hashing 0.34 414 1203  
2511 The Top Shelf 0.29 413 1418  
3739 Special Squares 0.27 413 1476  
2692 Australian Voting 0.26 411 1545  
2721 Suit Distribution 0.64 409 636  
3783 Balls 0.7 408 578  
1513 Scheduling Lectures 0.43 406 936  
2637 WorstWeather Ever 0.2 406 1960  
3503 Summits 0.36 406 1127  
2118 Firepersons 0.45 405 900  
1349 Coding of Permutations 0.43 404 930  
2515 Birthday Cake 0.38 404 1046  
3576 Language Recognition 0.26 403 1499  
3790 Recursively Palindromic Partitions 0.73 403 547  
3222 Edge Pairing 0.38 402 1047  
2514 Ridiculous Addition 0.21 401 1887  
2161 Chandelier 0.39 400 1009  
2267 From Dusk till Dawn or: Vladimir the Vampire 0.31 399 1287  
2642 The Brick Stops Here 0.3 398 1312  
3068 "Shortest" pair of paths 0.38 398 1022  
3462 Lucky Light 0.39 398 1017  
2433 Landscaping 0.43 396 916  
1568 Find the Winning Move 0.49 395 796  
1931 Biometrics 0.39 395 994  
1492 Up and Down Sequences 0.59 394 662  
1747 Expression 0.62 394 628  
2611 Gas Station Numbers 0.3 394 1292  
3025 Rings 0.35 394 1109  
3355 Boundary Points 0.17 394 2214  
3541 Given a string... 0.21 393 1828  
1965 Cube Root 0.27 392 1420  
2815 Context-Free Clock 0.37 392 1045  
3431 Texture Tile 0.23 391 1670  
2043 Area of Polygons 0.39 390 980  
2571 Global Roaming 0.52 390 744  
3484 Showstopper 0.29 390 1328  
1391 Erdos Numbers 0.32 387 1175  
3923 Ugly Windows 0.3 387 1270  
1912 A highway and the seven dwarfs 0.18 386 2115  
1924 The Treasure 0.18 386 2107  
3229 The Best Travel Design 0.26 385 1476  
3333 Co-workers from Hell 0.3 385 1263  
1620 Phone Home 0.5 384 764  
2714 Random Walk 0.18 384 2037  
1648 Countryside Highway 0.3 383 1245  
2172 Bricks 0.3 383 1241



3112 Digital Biochemist Circuit 0.43 383 885  
3492 Knapsack II 0.24 382 1550  
2740 Book Replacement 0.46 381 824  
2793 Cactus 0.28 381 1327  
3452 Railway Transportation 0.46 381 818  
1624 This Takes the Cake 0.51 380 731  
1683 Puzzlestan 0.31 380 1206  
2146 Confusing Login Names 0.34 380 1104  
1030 Rating 0.22 377 1659  
2596 Dice Stacking 0.25 377 1503  
3747 Scout YYF II 0.24 377 1525  
1819 Disks 0.23 376 1598  
1853 Cat 0.24 376 1512  
1515 Street Directions 0.53 375 696  
3156 Interconnect 0.34 375 1083  
3217 Eugenics 0.34 375 1078  
3467 Cross Counting 0.28 375 1331  
3907 Build Your Home 0.59 375 631  
3713 Transferring Sylla 0.23 374 1576  
2706 Connect 0.32 372 1134  
3523 The Morning after Halloween 0.2 372 1830  
3535 A+B 0.45 372 816  
2469 Stack 'em Up 0.39 371 948  
1481 The Die Is Cast 0.4 370 909  
1757 Binary Search 0.37 370 980  
3212 Rescue Alice 0.24 370 1533  
2790 Consecutive ones 0.64 369 571  
4052 Hrinity 0.26 369 1418  
3756 Chess Game 0.33 368 1104  
1707 Sum of powers 0.48 367 760  
3091 Triangular N-Queens Problem 0.44 366 830  
3789 Binary Clock 0.69 366 528  
2921 Knights of the Round Table 0.25 365 1417  
3182 The Grove 0.47 365 769  
3684 Physics Experiment 0.35 365 1031  
1337 A Lazy Worker 0.33 364 1077  
2199 Rate of Return 0.43 364 829  
2906 Moving Pianos 0.36 363 990  
3056 The Bavarian Beer Party 0.36 363 999  
3197 Continuous Fractions 0.37 363 957  
3271 Lilypad Pond 0.26 363 1377  
3334 Connected Gheevs 0.36 363 995  
1114 Chemical Reactions 0.52 362 687  
1901 Hypertransmission 0.24 362 1482  
2467 Snow Clearing 0.44 362 807  
3057 Evacuation 0.25 362 1415  
1104 Robbery 0.38 361 926  
3004 Subway planning 0.26 361 1339  
3015 Expected Difference 0.25 361 1394  
3429 Geometry with a ruler 0.22 361 1637  
2510 Tullia and Chocolate II 0.21 360 1661  
2775 The Number of the Same BST 0.41 360 874  
1148 Utopia Divided 0.43 359 820  
1394 Railroad 0.33 359 1061

1827 A Bunch Of Monsters 0.37 358 947  
2735 Reliable Nets 0.39 358 917  
3905 Perfect Election 0.5 358 708  
2473 Decorate the wall 0.38 357 939  
3459 Projects 0.44 357 802  
1647 One-move checkmate 0.23 356 1484  
3016 K-Monotonic 0.33 354 1047  
2512 Chessboard in FEN 0.42 353 829  
2639 Necklace Decomposition 0.38 353 908  
2966 A safe way 0.19 352 1799  
3287 The Trip, 2007 0.36 352 961  
2858 Crabbles 0.23 351 1465  
3394 Route Planning 0.33 351 1052  
3588 The Downloading Task 0.25 351 1367  
3763 Tour in Wonder Land 0.3 350 1166  
1362 Skew Binary 0.56 349 616  
2857 Flipping Colors 0.52 349 665  
2173 Cricket Field 0.4 348 864  
3241 Object Clustering 0.22 348 1547  
3524 Bug Hunt 0.5 348 692  
2252 Equation Solver 0.57 345 602  
1878 Jill's Bike 0.25 344 1353  
2427 Smith's Problem 0.39 344 865  
3209 From Pythagoras to ... 0.12 344 2670  
3757 Simple Distributed storage system 0.17 344 1971  
2713 Tire Dimensions 0.4 342 843  
2998 Hardware 0.36 342 937  
3106 Flip and Turn 0.33 342 1014  
3443 Team Work 0.3 342 1121  
1832 连环锁 0.31 340 1084  
2009 Moo University - Emergency Pizza Order 0.24 340 1402  
2036 I Conduit! 0.18 340 1802  
1418 Viva Confetti 0.42 339 804  
2383 Circle Drawing 0.15 339 2196  
2741 Colored Cubes 0.53 339 634  
1460 Firefighters 0.32 338 1031  
1487 Single-Player Games 0.28 337 1197  
2180 Bale Figures 0.47 337 717  
2588 Snakes 0.33 337 1003  
2767 Bowstack 0.4 337 829  
3423 Automaton optimization 0.54 337 616  
1778 All Discs Considered 0.37 335 889  
3532 Resistance 0.32 335 1039  
3609 Reset Sequence 0.38 335 872  
1903 Jurassic Remains 0.33 334 989  
2819 TN's Kingdom I - Establishment 0.17 333 1873  
2980 Do it! 0.29 333 1120  
3346 Treasure of the Chimp Island 0.44 333 741  
1476 Always On the Run 0.5 331 653  
1578 Instruens Fabulam 0.47 331 700  
2330 Advanced ASCII Cubes 0.5 331 659  
2384 Harder Sokoban Problem 0.41 331 800  
1271 Nice Milk 0.24 330 1327  
2647 Doublets 0.38 330 857

3554 Almost the shortest route 0.26 329 1262  
1574 The Triangle Game 0.58 328 565  
1795 DNA Laboratory 0.19 328 1687  
1955 Rubik's Cube 0.5 328 646  
4048 Chinese Repeating Crossbow 0.29 328 1096  
1264 SCUD Busters 0.43 327 751  
2547 No Tipping 0.37 327 868  
3424 Better security 0.18 327 1764  
1886 Borrowers 0.24 326 1330  
2794 Double Patience 0.53 326 609  
2809 It's My Derivative 0.35 325 926  
1791 Paper Cutting 0.56 324 573  
2168 Joke with Turtles 0.26 324 1224  
1993 Kaleidoscope 0.46 323 696  
1327 Moving Object Recognition 0.6 322 534  
2144 Leaky Cryptography 0.73 322 436  
2970 The lazy programmer 0.25 322 1287  
2870 Light Up 0.39 321 820  
2944 Wild West 0.29 321 1089  
3245 Sequence Partitioning 0.26 321 1205  
1754 Buffer Manager 0.37 320 852  
3029 Tour Guide 0.38 320 823  
3196 Babylonian Roulette 0.61 320 521  
3557 Map Generator 0.26 320 1197  
3428 Formatting function 0.13 319 2294  
2445 Squares 0.38 318 836  
1409 77377 0.37 316 845  
1885 Uncompress 0.34 316 923  
1916 Rat Attack 0.32 316 987  
3534 Escape of Life and Death 0.12 316 2537  
1173 Bar Codes 0.35 315 891  
3360 Take a Walk 0.22 315 1425  
3754 模拟Modbus协议 0.44 315 707  
1259 The Picnic 0.27 314 1123  
2615 Suffidromes 0.21 314 1451  
3489 Knapsack I 0.29 314 1067  
3977 Subset 0.17 314 1806  
1735 A Game on the Chessboard 0.39 313 801  
1682 Clans on the Three Gorges 0.5 312 612  
2119 God of the Vile Baskers 0.33 311 932  
2697 A Board Game 0.67 311 460  
2805 Pegs 0.38 311 812  
1097 Roads Scholar 0.37 310 831  
1302 Blue Gene, Jr. 0.66 310 468  
2086 Land Division Tax 0.44 310 701  
2628 Table Legs 0.39 310 794  
1072 Puzzle Out 0.27 309 1117  
3711 Mayan Pyramid 0.16 309 1873  
2630 Security Panel 0.35 308 879  
2725 Finding Treasure 0.2 308 1493  
3021 e-Coins 0.49 308 619  
3200 Babel Towers 0.29 308 1042  
3533 Light Switching Game 0.59 308 519  
1619 EKG Sequence 0.46 307 664

2598 Match Throwing Game 0.31 306 987  
3000 Frogger 0.33 306 922  
3471 Integral Roots 0.13 306 2273  
2143 Make a Sequence 0.61 304 493  
2695 Rick the Persistent Gnu 0.41 304 738  
1266 Cover an Arc. 0.37 303 804  
1943 Hall of Fountains 0.37 302 812  
2414 Phylogenetic Trees Inherited 0.61 301 487  
1872 A Dicey Problem 0.33 300 893  
2088 Long Night of Museums 0.21 300 1370  
3688 Cheat in the Game 0.31 300 955  
2303 Russian Dolls 0.25 299 1194  
2899 Fortune at El Dorado 0.25 299 1160  
3633 Copying DNA 0.36 299 819  
1685 Color Tunnels 0.53 298 562  
2652 Ferry Loading III 0.32 298 923  
1353 Color Change of Go Game Pieces 0.64 297 461  
1229 Wild Domains 0.33 296 893  
1522 N-Credible Mazes 0.54 296 546  
3246 Game 0.15 296 1955  
2432 Around the world 0.35 295 820  
1052 Plato's Blocks 0.4 294 732  
1736 Block Town 0.4 293 727  
1752 Advertisement 0.37 293 775  
2759 Distributing tasks 0.23 293 1262  
3288 Mall Mania 0.31 293 916  
1262 Input 0.43 292 675  
1718 River Crossing 0.4 292 714  
2600 Geometrical dreams 0.55 292 527  
3539 Elevator 0.26 292 1094  
2522 Partitioning for fun and profit 0.3 291 947  
3409 Broken line 0.16 291 1714  
1086 Unscrambling Images 0.4 290 719  
2340 Memory management 0.41 290 702  
2883 Points 0.32 290 887  
2200 A Card Trick 0.39 289 737  
1139 Cat and Mouse 0.3 288 938  
1968 Booklets 0.36 288 798  
2651 So you want to be a 2n-aire? 0.68 287 417  
1282 庆典的日期 0.12 286 2381  
1938 California Jones and the Gate to Freedom 0.41 286 688  
2672 Hotkeys 0.2 286 1373  
3123 Ticket to Ride 0.47 286 603  
2461 Magic Bitstrings 0.44 285 644  
3058 Decompression 0.49 285 576  
2520 DNA Sequence Alignment 0.12 284 2344  
3567 Cactus Reloaded 0.31 284 905  
1777 Vivian's Problem 0.35 283 791  
3726 Windy's ABC 0.44 283 629  
1420 Spreadsheet 0.47 282 600  
2901 Hotel 0.32 282 866  
1304 World's Worst Bus Schedule 0.35 281 782  
3082 'Roid Rage 0.3 281 919  
2292 Optimal Keypad 0.5 280 557

1709 Crossword 0.3 279 904  
3028 Shoot-out 0.31 279 875  
1388 Hinge Node Problem 0.67 278 411  
3643 Friend or Foe? 0.29 278 945  
3719 Art of Balance 0.31 278 882  
2266 Quadtree 0.32 277 858  
3102 Bee Garden 0.24 277 1130  
4001 Xiangqi 0.26 277 1032  
2357 Labyrinth 0.5 276 547  
2670 The Sorcerer's Stone 0.16 276 1722  
2953 Nash Equilibrium 0.57 276 483  
2946 The Warehouse 0.22 275 1245  
3708 Recurrent Function 0.26 275 1041  
3215 Median of Lines 0.2 274 1344  
2089 Magic Trick 0.63 272 428  
2317 SHAKE 0.49 272 555  
1371 Tin Cutter 0.35 271 767  
1684 Dynamic Declaration Language (DDL) 0.26 271 1021  
2169 Kingdom of Magic 0.27 271 997  
3797 Tiling a Grid With Dominoes 0.68 271 398  
1857 To Europe! To Europe! 0.34 270 787  
1996 The Highest Profits 0.46 270 581  
2122 Japan Plotter Driver 0.45 270 592  
3205 Ikki's Story II - War with TN 0.3 270 889  
3291 Cousins 0.36 269 747  
1168 The Circle 0.34 268 769  
1613 Cave Raider 0.3 268 870  
1116 Library 0.33 267 794  
2489 Line Segments 0.17 267 1556  
3493 Chessboard Puzzle 0.5 267 525  
3787 Convex Hull of Lattice Points 0.62 267 425  
1055 BULK MAILING 0.28 266 926  
1489 Egyptian Multiplication 0.27 266 956  
3035 Random Walking 0.32 266 810  
2206 Magic Multiplying Machine 0.34 265 758  
2691 Request for Proposal 0.46 265 570  
1680 Fork() Makes Trouble 0.65 264 402  
2848 Kindergarten Graduation 0.4 264 658  
1074 Parallel Expectations 0.31 262 832  
1429 Alice and Bob 0.28 262 926  
1710 Magic of David Copperfield 0.45 262 570  
3911 Internet Service Providers 0.48 261 534  
1729 Jack and Jill 0.26 260 997  
1277 Beer Land 0.47 259 542  
1348 Computing 0.14 259 1738  
1720 SQUARES 0.38 259 674  
3472 Holey Square Tiling 0.3 259 850  
3741 Number System Converter 0.21 259 1225  
3137 Enjoyable Commutation 0.27 257 940  
1588 Reverse Roman Notation 0.36 256 698  
2382 Radio Coverage 0.26 256 963  
2802 Plinko 0.47 256 542  
2066 Minimax Triangulation 0.31 255 820  
2290 House Numbers 0.25 253 986

3908 Quick answer 0.32 253 784  
2868 Computer DJ 0.24 252 1011  
2938 Economic Phone Calls 0.34 252 732  
2625 Coupons 0.59 251 421  
2760 End of Windless Days 0.18 251 1350  
3482 'JBC' 0.21 251 1144  
2633 Funny Games 0.22 250 1129  
3163 King of Fighters 0.18 249 1327  
1081 You Who? 0.35 248 699  
1438 One-way Traffic 0.31 248 784  
3043 Walk the Talk 0.42 248 582  
4022 ASCII Area 0.43 248 565  
2791 Area 51 0.21 247 1146  
3201 Little Quilt 0.33 247 745  
1214 "Accordian" Patience 0.44 246 559  
3542 History of Football 0.34 246 705  
3550 AT – sequence 0.38 246 642  
3448 Roman Expressions 0.46 245 527  
1633 Gladiators 0.49 244 494  
2856 Medals 0.3 244 813  
1790 Base Numbers 0.35 243 678  
2052 Fun Game 0.23 243 1056  
2341 Spell checker 0.33 243 724  
3220 Context-Free Languages 0.27 243 878  
3402 Add a queen 0.28 243 860  
1529 Shipping Routes 0.55 242 440  
2211 Photograph 0.69 242 350  
3188 Cellphones 0.37 242 652  
3434 Terrarium 0.27 242 875  
3817 Robot Challenge 0.36 242 671  
1395 Cog-Wheels 0.12 241 1954  
2474 European railroad tracks 0.28 241 847  
2889 Unique Solution 0.23 241 1024  
3010 The Genome Database of All Space Life 0.3 241 798  
3649 Typesetting 0.41 241 576  
1238 Arbitrage 0.43 240 552  
2957 Planet Hunting 0.44 240 541  
3001 Gallup 0.51 240 463  
3959 Alignment of Code 0.35 240 679  
1537 Identifying Legal Pascal Real Constants 0.36 239 648  
1662 Colns 0.32 239 738  
3266 Cow School 0.29 239 805  
1433 Exchanges 0.53 238 448  
2053 Square 0.26 238 904  
2733 The Game of Efil 0.39 238 609  
3803 Repeated Substitution with Sed 0.42 238 557  
2854 Educational Journey 0.48 237 491  
1339 poker card game 0.31 236 755  
1890 Switching Channels 0.56 236 421  
3530 A Modular Arithmetic Challenge 0.13 236 1797  
1672 Fully Diversified Sequences of Sets 0.51 235 459  
1998 Lloyd Fifteen Puzzle 0.38 235 614  
3053 Bowling 0.28 235 814  
1818 ATP 0.34 234 675

2032 Square Carpets 0.34 234 679  
2108 Lazy Pianist 0.16 234 1418  
2745 Network Mess 0.42 234 555  
3814 Museum Guards 0.2 234 1124  
1172 Street Race 0.21 233 1068  
1356 Grandpa's Other Estate 0.52 233 443  
1697 The Erythea Campaign 0.37 232 619  
3063 Sherlock Holmes 0.31 232 733  
1539 Evaluating Simple C Expressions 0.43 231 532  
3595 Full Steiner Topologies 0.39 231 590  
1344 Tree Size Problem 0.56 230 405  
3178 Roping the Field 0.3 230 764  
3897 Maze Stretching 0.27 230 837  
2022 Syntax Included 0.27 229 839  
3135 Polygons on the Grid 0.34 229 663  
3441 Vacation Rentals 0.25 229 883  
3927 Priest John's Busiest Day 0.34 229 670  
1153 SAFE 0.24 228 935  
1387 The Constraint Densest Submatrix 0.23 228 974  
1621 Polly Normals 0.47 228 479  
2148 Color the Map 0.32 228 692  
2321 GYM 0.58 228 392  
3218 Alignments 0.16 228 1425  
3992 Tiles of Tetris, NOT! 0.28 228 802  
2326 Major Scales 0.59 227 381  
2462 Cutting a polygon 0.29 227 778  
2729 Robocode 0.18 227 1231  
1219 L-I-N-G-O: LINGO 0.22 226 1011  
1366 Word 0.26 226 840  
1377 Good Approximation Problem 0.23 226 976  
2205 Self-Replicating Numbers 0.33 226 665  
2345 Central heating 0.45 224 487  
2974 Convex area 0.46 223 478  
1336 The K-League 0.34 222 643  
1831 不定方程组 0.31 222 712  
1900 Game 0.3 222 736  
3598 PopKart 0.23 222 945  
3778 An Odd Award Rule 0.36 222 606  
3894 System Engineer 0.42 222 519  
1340 The Longest Detour Problem 0.34 221 632  
1601 Pizza Anyone? 0.36 221 610  
2338 Basic 0.24 220 885  
2103 Jackpot 0.2 218 1048  
3802 Cubist Artwork 0.65 218 331  
2040 Translations 0.37 217 581  
2494 Acid Text 0.24 217 893  
3606 Sheryl's Circuit II 0.42 217 507  
1181 Bus Terminals 0.36 216 591  
1646 Double Trouble 0.46 216 460  
1880 Variable Radix Huffman Encoding 0.32 215 665  
2048 Monster Trap 0.26 215 798  
2178 Heroes Of Might And Magic 0.26 215 807  
3005 Exploding CPU 0.43 214 491  
3573 l18n 0.29 214 731

1530 Slurpys 0.59 213 360  
2669 Explore the Pirate's Cave 0.19 213 1102  
1622 Pushing Boxes 0.54 212 390  
1898 Entropy 0.23 212 886  
2997 IXLCDM 0.26 212 809  
2124 Crankshaft 0.25 211 830  
2561 Language Cardinality 0.23 211 912  
3909 Lucky numbers 0.32 211 656  
3993 Not So Flat After All 0.36 211 586  
1453 Delta Encoding and Decoding 0.3 210 700  
2736 Square Count 0.31 210 666  
3148 ASCII Art 0.31 210 659  
3538 Domestic Networks 0.28 210 745  
3746 Teacher YYF 0.38 210 548  
2574 Saskatchewan 0.25 209 805  
2589 Snap 0.39 209 525  
3285 Point of view in Flatland 0.25 209 804  
2843 Cutting Cake 0.27 208 763  
2792 Brackets Removal 0.34 207 593  
3989 A hard Aoshu Problem 0.5 207 406  
1382 The Proper Key 0.39 206 518  
2217 Secretary 0.36 206 563  
3922 A simple stone game 0.51 206 403  
1290 Grandpa's Rubik Cube 0.64 205 318  
2875 In Defence of a Garden 0.36 205 565  
2994 Failing Roads 0.43 205 469  
1612 The Geodetic Set Problem 0.36 204 564  
3121 The SetStack Computer 0.21 204 965  
3712 Edges and More Edges 0.23 204 878  
3910 GCD Determinant 0.54 204 375  
1602 Zip 0.21 203 955  
2102 Incredible! Impossible! 0.3 203 662  
2582 Finding Nemo 0.46 203 432  
3882 Stammering Aliens 0.28 203 702  
2094 Angry Teacher 0.18 202 1068  
2678 Mothy 0.24 202 820  
2708 Time to Graduate 0.42 201 473  
1242 Plugged In 0.54 200 368  
3771 World Islands 0.25 200 771  
3914 DuLL 0.71 199 277  
1649 Market Place 0.29 198 678  
2580 The Door/Key Problem 0.31 198 627  
2702 Can a Complicated Program Go Wrong? 0.27 198 729  
3776 Passing the Message 0.54 198 364  
2592 Standard Point System 0.26 197 753  
1076 Bowl 0.22 196 878  
1110 Double Vision 0.53 196 363  
2285 The Floor Bricks 0.43 196 453  
2476 Game schedule required 0.33 196 592  
2743 Mobile Computing 0.32 196 611  
3405 Convex hull 0.23 195 843  
2834 Where Are You? 0.27 194 702  
3832 Posters 0.26 194 733  
1215 Gondwanaland Telecom 0.33 193 573



1415 Map of Ninja House 0.34 193 554  
3607 Distribution of Toys 0.16 193 1193  
2170 Lattice Animals 0.36 192 520  
2690 Yahtzee 0.36 192 522  
2900 Griddy Hobby 0.36 192 529  
4014 Dice 0.43 192 439  
1267 Fence 0.23 191 801  
3110 Jenny's First Exam 0.26 191 711  
3553 Task schedule 0.62 191 304  
3572 Hanoi Towers 0.5 191 378  
1506 Substitution Cipher 0.18 190 1050  
3293 Rectilinear polygon 0.09 190 1935  
1073 The Willy Memorial Program 0.31 189 604  
1688 Dolphin Pool 0.46 189 405  
2064 Pipes 0.49 189 383  
1599 Station Balance 0.39 188 481  
2308 Dearboy's Puzzle 0.16 188 1122  
2327 Dumb Bones 0.58 188 324  
2333 Beach cut 0.21 188 891  
1307 Mapping the Route 0.41 187 447  
2035 Hit or Miss 0.4 187 458  
3967 Ideal Path 0.14 187 1330  
1854 Evil Straw Warts Live 0.27 186 672  
2270 Quadtree II or: Florida Jones strikes back 0.52 186 351  
1444 Parallelepiped walk 0.23 184 774  
1800 Magic Trick 0.22 184 805  
3934 Queue 0.44 184 418  
2335 Temple of Dune 0.32 183 567  
2525 Text Formalization 0.18 183 982  
2754 Similarity of necklaces 2 0.28 183 639  
2925 Kick-Tipp 0.38 183 475  
2979 RSI 0.49 183 367  
3410 Split convex polygon 0.29 183 618  
3850 Simple Polygon 0.31 183 580  
3869 Headshot 0.53 183 340  
1255 Floors 0.41 182 441  
1669 It's Logical 0.3 182 603  
3284 Eventually periodic sequence 0.27 182 655  
3873 Trick or Treat 0.27 182 668  
1211 Traffic Lights 0.44 181 404  
1381 Secret Code 0.36 181 502  
1792 Hexagonal Routes 0.42 181 427  
2156 National Day Celebration 0.43 181 413  
2746 Bingo 0.39 181 463  
3119 Friends or Enemies? 0.41 181 432  
3426 Doors and... more doors 0.39 181 453  
3968 Jungle Outpost 0.24 181 747  
1457 Lord of the Ring 0.33 180 534  
3470 Walls 0.15 180 1139  
1462 Random Walk 0.24 179 721  
1768 Hang or not to hang 0.25 179 714  
2439 Disconnect the Orange!? 0.43 179 410  
1367 Time 0.32 178 553  
1370 Gossiping 0.42 178 422

1518 Problem Bee 0.51 178 346  
1535 Forgetful 0.24 178 739  
3815 The Ninja Way 0.24 178 725  
3987 Computer Virus on Planet Pandora 0.19 178 919  
1075 University Entrance Examination 0.29 177 593  
1514 Metal Cutting 0.42 176 418  
2372 D++ Again 0.34 176 510  
2518 Little guys' game 0.3 176 571  
2881 Wiping Words 0.39 176 446  
2933 Explaining the Stock Market 0.24 176 708  
4002 Alice's mooncake shop 0.31 176 566  
1378 Power Cable Problem 0.51 175 339  
1461 Binary Polynomials 0.43 175 401  
1508 Skyscraper Floors 0.21 175 810  
1640 Poly-polygonal Numbers 0.36 175 475  
1895 Bring Them There 0.25 175 699  
2896 Changing Phone Numbers 0.2 175 841  
4049 Chess 0.25 175 687  
3309 Unlucky Luke! 0.27 174 639  
3562 "Roman" corridor 0.36 174 479  
3900 The Robbery 0.1 174 1679  
1098 Robots 0.32 173 530  
1227 RoboContest 0.32 173 530  
2220 Treasure Hunters 0.58 173 295  
3990 Fermat Point in Quadrangle 0.24 173 700  
2519 Cutting Necklace 0.13 172 1281  
2529 Queuing at the doctors 0.35 172 488  
2789 Pixel Shuffle 0.41 172 414  
3350 Bowling for Numbers++ 0.24 172 695  
1524 Cowculations 0.67 171 253  
1576 Colorville 0.56 171 302  
1813 Overlapped Shapes 0.3 171 565  
2644 Maze 0.19 171 889  
3451 Money Money Money, Must Be Funny 0.39 171 431  
3324 Lucas-Lehmer Test 0.22 170 769  
3514 The Writers' Club 0.22 170 764  
1341 The Strongest Subchains 0.23 169 707  
1374 Crosswords 0.37 169 445  
2548 Subway 0.48 169 345  
2880 Fixing Codes 0.17 169 972  
4016 Flat 0.54 169 309  
1628 Deduction 0.29 168 576  
2222 Deeper Blue 0.37 167 447  
3847 Moving to Nuremberg 0.28 167 583  
2861 Cycle with 6 vertices 0.39 166 419  
3454 Hypertheseus 0.57 166 289  
3732 Paint Me Less 0.19 166 866  
3853 Painting 0.26 166 616  
2563 Demerit Points 0.36 165 450  
3893 Hard-working Student 0.35 165 463  
1494 Sunrise 0.43 164 373  
1507 Commedia dell' arte 0.4 164 409  
2233 GAME AGAIN! 0.3 164 536  
3418 Quadratic Functions 0.22 164 734

3548 Restoring the digits 0.3 164 536  
3727 Newton's Method 0.15 164 1073  
3831 Open-air shopping malls 0.34 164 480  
1550 Treadmill 0.53 163 305  
3023 Submarines 0.44 163 364  
1206 Servers 0.36 162 449  
1310 Nonstop Travel 0.33 162 481  
1440 Varacious Steve 0.46 162 352  
2090 Two-Stacks Solitaire 0.24 162 662  
2434 Waves 0.41 162 395  
3033 Traveling Salesman 0.41 162 387  
1134 Hexagon 0.51 161 313  
2055 Kid's Problem 0.23 161 697  
3453 Soccer Tournament 0.2 161 793  
1213 Roman Numerals 0.59 160 271  
1545 Galactic Import 0.49 160 321  
2483 Greatest Common Subtree 0.45 160 354  
3306 Busy Airport 0.27 160 577  
3391 The Bug Sensor Problem 0.1 160 1476  
1334 Two Mountaineers 0.42 159 371  
1549 Bright Bracelet 0.23 159 666  
1570 Exchange Rates 0.51 159 308  
1749 Lock Manager 0.41 159 379  
1805 Friends 0.26 159 606  
2011 Primary X-Subfactor Series 0.45 159 350  
3351 Gerrymandering 0.26 159 600  
1726 Tango Tango Insurrection 0.29 158 536  
2026 As the Crow Flies 0.52 158 299  
3319 Dragon Slayer Qualification Exam 0.19 158 819  
3996 Air Strike 0.32 158 484  
1478 Island of Logic 0.31 157 496  
1608 Banal Tickets 0.11 157 1417  
3813 Euclid 0.25 157 609  
3985 Knight's Problem 0.17 157 880  
3323 Bloxor2 II 0.19 156 781  
1133 Stars 0.2 155 769  
1495 LED Test 0.44 155 350  
1774 Fold Paper Strips 0.28 155 552  
1810 Covering 0.16 155 966  
2477 Help the problem setter 0.39 155 394  
1355 Selecting the Optimal Teaching Fiends 0.14 154 1043  
3296 Rinse 0.3 154 507  
3855 Blast the Enemy! 0.56 154 271  
1767 Which is Next 0.31 153 491  
2523 ASCII Labyrinth 0.47 153 322  
2557 Fold 0.44 153 341  
3341 Calculating Taxi Fare 0.34 153 438  
3502 Flight Safety 0.2 153 729  
3920 RIPOFF 0.65 153 235  
3926 Parade 0.23 153 661  
3997 Stock Chase 0.24 153 615  
1758 Frontier 0.42 152 357  
1783 Fractran 0.32 152 470  
2145 Pathological Paths 0.54 152 280

3526 The Teacher's Side of Math 0.26 152 584  
3647 Tournament 0.22 152 665  
3862 Asteroids 0.31 152 481  
1667 Peg Game 0.25 151 604  
2618 Cube in Labyrinth 0.27 151 556  
2667 Barber's problem 0.22 151 658  
3963 Evacuation Plan 0.22 151 657  
1196 Twofive 0.39 150 384  
1216 Simulation Wizardry 0.64 150 234  
2347 Equations 0.21 150 714  
2866 Optical Fiber 0.46 150 322  
3788 Interior Points of Lattice Polygons 0.68 150 220  
1343 Rooted Trees Isomorphism 0.3 149 483  
2727 Special Judge 0.19 149 761  
4000 National Treasures 0.29 149 507  
2020 MisLED 0.27 148 529  
2202 Strange Graph 0.21 148 704  
3455 Cheesy Chess 0.37 148 391  
3805 Separate Points 0.37 148 391  
4012 Black Square 0.19 148 768  
1162 Building with Blocks 0.41 147 357  
3865 Database 0.19 147 748  
1538 Extrapolation Using a Difference Table 0.57 146 256  
1851 Map 0.22 146 657  
2742 Organize Your Train 0.28 146 520  
2825 Perfect Permutation 0.45 146 324  
3395 Shift Cipher 0.15 146 947  
3642 Carpool 0.22 146 660  
2701 Lapux the Floating Island 0.33 145 428  
2822 TN's Kingdom IV - Collapse 0.23 145 605  
3430 Pizza schedule 0.35 145 411  
3849 Settlers of Catan 0.51 145 279  
1121 Algernon's Noxious Emissions 0.46 144 308  
3644 Gangs 0.33 144 427  
3718 Facer's Chocolate Dream 0.37 144 388  
3835 Columbus's bargain 0.28 144 510  
1359 Spacecraft Malfunction 0.35 143 405  
1407 e-Market 0.37 143 385  
3886 Baby's Blocks 0.5 143 283  
3986 Math teacher's homework 0.56 143 251  
2164 Find the Border 0.28 142 503  
3995 Hop — Don't Walk! 0.18 142 758  
3506 Walk 0.32 141 436  
3779 Single CPU, multi-tasking 0.3 141 469  
1713 Divide et unita 0.35 140 393  
1796 Extra Terrestrial PISA Test 0.42 140 333  
2332 One is good, but two is better 0.41 140 341  
2757 Beautiful Numbers 0.21 140 647  
1652 Holey Cloth 0.36 139 377  
2412 Equidistance 0.46 139 299  
2765 Declaration of Content 0.3 139 457  
3743 LL's cake 0.26 139 529  
1070 Deformed Wheel 0.22 138 622  
1352 Quantity of White Mice 0.29 138 465

1558 Board Silly 0.52 138 264  
1623 Squadtrees 0.36 138 375  
2616 Origami 0.5 138 276  
3120 Sudoku 0.46 138 299  
3521 Geometric Map 0.42 138 327  
3583 Text Message Formatting 0.14 138 955  
3999 Kind of a Blur 0.21 138 644  
1368 Puzzle 0.25 137 542  
1551 Data Mining? 0.57 137 237  
1983 Name the Crossing 0.44 137 305  
2213 Code 0.63 137 215  
2320 SHEET 0.41 137 329  
2816 Right-Hand Rule 0.28 137 475  
2830 Max Sequence II 0.14 137 972  
3447 Calendar of Events 0.22 137 602  
3495 Bitwise XOR of Arithmetic Progression 0.21 137 640  
3881 Happy Telephones 0.64 137 213  
3962 Dome of Circus 0.22 137 605  
4003 Bob's Race 0.32 137 426  
2149 Inherit the Spheres 0.39 136 341  
2604 Preparing an article 0.25 136 538  
4020 John's Inversions 0.38 136 353  
4023 Binary Encoding 0.46 136 293  
1712 Flying Stars 0.36 135 370  
2931 Procrastination 0.25 135 527  
1123 For the Porsche 0.36 134 364  
1197 Depot 0.31 134 428  
2873 Apply a Cold Compress 0.41 134 325  
3392 Pitcher Rotation 0.25 134 524  
3717 Decrypt the Dragon Scroll 0.29 134 461  
3845 Fractal 0.4 134 327  
3892 RSA Factorization 0.27 134 490  
3940 Grey Area 0.5 134 263  
1301 The Umbrella Problem: 2054 0.5 133 265  
2783 On Storing Clothes 0.28 133 469  
2844 Sum and Product 0.12 133 1093  
3022 The Uxuhul Voting System 0.4 133 326  
1557 Mapmaker 0.68 132 192  
3988 Selecting courses 0.33 132 390  
1616 Harmonic Periods 0.37 131 349  
2162 Document Indexing 0.18 131 723  
2532 Burned Calendar 0.32 131 405  
1532 Mixed Numbers 0.18 130 712  
1803 Box Art 0.14 130 901  
1822 Fence2 0.42 130 306  
2913 Fly Monkey 0.13 130 993  
2915 Zuma 0.06 130 2110  
3115 Energy  $\times$  Delay 0.44 130 293  
1108 Split Windows 0.55 129 232  
1288 Sly Number 0.4 129 321  
2281 Link and Pop -- the Block Game 0.24 129 535  
2319 COMPRESS 0.27 129 471  
2638 Kingdom 0.28 129 445  
3558 Map Generator returns (MG-II) 0.49 129 261

1295 I hate SPAM, but some people love it 0.46 128 276  
2808 Artificial Strife 0.37 128 344  
1772 New Go Game 0.18 127 678  
1817 Traffic Jam 0.47 127 268  
2134 Traffic Lights 0.22 127 556  
2343 Airline company 0.33 127 381  
1399 Direct Visibility 0.45 126 278  
2158 A Difficult Mathematics Problem 0.4 126 314  
2204 Commuter train 0.31 126 405  
2798 Hardwood Cutting 0.39 126 319  
2919 Traveling Queen Problem 0.24 126 510  
3166 Jumping Frog 0.3 126 418  
3703 Intuition of Escape 0.19 126 648  
1296 Noise Effect 0.55 125 225  
1335 Digital Onion 0.29 125 428  
1425 Enigmatic Travel 0.64 125 195  
1525 Hi-Q 0.81 125 154  
1725 BALL 0.56 125 220  
3870 Inspection 0.22 125 557  
1369 Append 0.29 124 416  
2061 Pseudo-random Numbers 0.29 124 423  
2071 Auctions R Us 0.3 124 411  
2098 Ellipse 0.16 124 752  
1653 Compacting Stickers 0.37 123 331  
2731 ACM(ACronymMaker) 0.13 123 942  
2813 Pasting Strings 0.35 123 349  
3024 The Gossiping System 0.44 123 279  
3821 Clickomania 0.22 123 545  
1294 Not Too Convex Hull 0.3 122 396  
1373 L-system 0.12 122 1000  
2988 Function Approximation 0.27 121 446  
3079 Enigmatologically Cruciverbalistic 0.19 121 631  
1257 Cross-stitch. 0.36 120 333  
1957 Beehives 0.32 120 364  
2554 Fixed Partition Contest Management 0.4 120 293  
2869 P-Networks 0.5 120 236  
3206 Ikki's Story III - Rescue frkstyc! 0.19 120 623  
1124 Oh, Those Achin' Feet 0.29 119 404  
1435 Gates 0.48 119 243  
1825 Young 0.35 119 331  
2214 Regions 0.53 119 222  
3315 Roofing It 0.34 119 341  
3527 Generalized Connect Four 0.19 119 608  
3773 String-Matching Automata 0.62 119 189  
3808 Malfatti Circles 0.5 119 236  
1202 Family 0.18 117 626  
1561 Another Puzzling Problem 0.33 117 347  
2058 Word Encoding 0.42 117 278  
2129 Invariant Polynomials 0.39 117 294  
2648 CDVII 0.31 117 374  
2855 Go 0.47 117 248  
3795 The Two Note Rag 0.7 117 165  
2268 Euro Cup 2000 0.53 116 218  
2364 Faucet Flow 0.28 116 402

2764 Unequalled Consumption 0.26 116 433  
1869 Test 0.5 115 230  
3198 Polygon Encoder 0.18 115 638  
3289 Moonshine 0.19 115 591  
1138 Ships 0.14 114 799  
1638 A number game 0.22 114 504  
1999 Quorf 0.27 114 413  
3738 Card Game 0.18 114 620  
3854 Another Brick in the Wall 0.54 114 211  
1235 Galactic Breakup 0.45 113 248  
1559 Equation Elation 0.49 113 230  
1773 Outernet 0.36 113 313  
2820 TN's Kingdom II - Construction 0.14 113 793  
2874 A Baron Landscape 0.37 113 303  
2310 Cubic Tick-Tack-Toe 0.13 112 846  
1645 BSP Trees 0.67 111 164  
3500 Youth Hostel Dorm 0.27 111 406  
1303 Byte Me! 0.47 110 233  
3442 Baseball 0.36 110 299  
1203 Timetable 0.31 109 347  
1544 A Puzzling Problem 0.32 109 338  
2865 ICPC Strikes Again 0.21 109 507  
1278 BOAT 0.32 108 332  
2322 PLANKS 0.34 108 315  
3147 John's Canonical Difference Bound Matrices 0.14 108 738  
3829 Seat taking up is tough 0.37 108 291  
3941 Expected Allowance 0.5 108 216  
1358 Housing Complexes 0.41 107 255  
1403 Hotline 0.4 107 261  
1793 Storehouse 0.38 107 276  
1846 System 0.35 107 300  
2107 Gear Profiles 0.29 107 357  
2147 Dice Puzzle 0.45 107 234  
3223 Football Game 0.14 107 742  
3236 Michelle's Evaluation 0.07 107 1491  
1689 3002 Rubbery 0.47 106 221  
1748 Computer Dialogue 0.41 106 254  
1280 Game 0.47 105 222  
1714 The Cave 0.37 105 281  
1863 Subnumber 0.11 105 878  
2344 Nikifor 0.53 105 196  
3577 Global Positioning System 0.08 105 1240  
3818 Mosaic 0.36 104 282  
1497 Molecules 0.72 103 143  
2448 A New Operating System 0.1 103 1002  
2543 Spreadsheet 0.26 103 385  
3330 Dr. Podboq or: How We Became Asymmetric 0.32 103 320  
3792 Area of Polycubes 0.41 103 247  
1342 Tag Trees 0.36 102 281  
1448 Cube 0.34 102 297  
2073 Doggone Moles 0.35 102 287  
3569 Equation 0.2 102 488  
1571 Loansome Car Buyer 0.39 101 257  
3379 Alphabet 0.29 101 343

1261 Huffman Trees 0.15 100 632  
1867 Treequivalence 0.28 100 347  
2212 Cavern 0.49 100 204  
2238 Computer Basketball Game 0.47 100 211  
3008 Hexerpents of Hexwamp 0.32 100 312  
3547 Cube evolvent 0.27 100 361  
3971 Scales 0.46 100 213  
4028 GCD Guessing Game 0.4 100 246  
1812 Zuma Game 0.21 99 451  
1866 Help! 0.29 99 339  
1913 Cocktails 0.19 99 506  
1960 Time Planner 0.23 99 420  
2700 Space Travel 0.16 99 594  
3721 Darkterror's Combos 0.16 99 596  
1437 Chat Rooms 0.17 98 565  
3313 The Mastermind Master's Mind 0.42 98 229  
3912 Up and Down 0.22 98 429  
1199 Left labyrinths 0.18 97 529  
2877 Chambers Ceramic Conundrum 0.44 97 217  
4007 Flood-it! 0.37 97 256  
1223 DEHUFF 0.37 96 259  
1249 Oil Pipeline 0.33 96 288  
1858 Interesting Maze Game 0.31 96 303  
1967 Alibaba 0.13 96 711  
2422 The Wolves and the Sheep 0.24 96 400  
3655 Guard 0.41 96 231  
1756 Domino Puzzle 0.49 95 192  
2841 Navigation Game 0.23 95 402  
3118 Critical Route 0.36 95 258  
3915 Black Vienna 0.4 95 237  
1194 HIDDEN CODES 0.27 94 341  
1311 Doing Windows 0.31 94 301  
1431 Calendar of Maya 0.48 94 193  
1585 Helping Florida 0.23 94 406  
1841 Meadow 0.18 94 510  
2198 Boundaries on 0.34 94 271  
2622 Convex hull 0.22 94 422  
2716 Open and Close 0.2 94 468  
2797 Guards 0.39 94 238  
3149 Billing Tables 0.23 94 407  
3248 Soldier 0.21 94 431  
3574 Japanese Writing 0.59 94 158  
3774 Elune's Arrow 0.34 94 272  
1372 FORCAL 0.39 93 234  
1779 Boolean Logic 0.43 93 214  
1897 Data Mining 0.27 93 344  
2768 Pesky Heroes 0.29 93 314  
3998 Land Division 0.36 93 254  
2852 Model Rocket Height 0.54 92 169  
3305 Surveillance 0.34 92 267  
3389 Kennings 0.15 92 605  
3878 Haunted Graveyard 0.22 92 409  
1446 Moscow Time 0.26 91 350  
2037 Roll Playing Games 0.2 91 438



2113 Agents 0.33 91 275  
2807 Bingo! 0.47 91 193  
3898 Software Industry Revolution 0.31 91 287  
1109 Index Generation 0.38 90 232  
1627 Experiment "X": Explosions Expected 0.15 90 575  
2297 Balanced Chemical Equations 0.39 90 229  
3677 Chemical Weighing 0.15 90 568  
3846 Mountain Road 0.36 90 244  
1224 PICTURE PUZZLE 0.32 89 272  
1834 线段处理 0.13 89 640  
1982 Water Tank 0.46 89 193  
3336 ACM Underground 0.33 89 266  
3571 Game 0.32 89 278  
1526 Call Forwarding 0.56 88 155  
1527 Making the Grade 0.68 88 128  
2298 Great Circle 0.3 88 291  
2717 Hour Glass 0.25 88 346  
2835 Sunzi's Problem 0.13 88 647  
3794 Extended Normal Order Sort 0.22 88 399  
3860 Fruit Weights 0.26 88 332  
3874 Working at the Restaurant 0.42 88 208  
1963 Cave Exploration 0.25 87 341  
3902 The Bad Number 0.37 87 235  
4026 Eve 0.28 87 309  
1115 Statistical Trouble 0.41 86 206  
1412 Equals are Equals 0.19 86 438  
2067 Young, Poor and Busy 0.52 86 165  
2804 Jetpack Sniper 3000 Fragfest Extreme 0.51 86 166  
1136 Pendulum 0.34 85 247  
1876 The Letter Carrier's Rounds 0.28 85 294  
1933 A Brief Gerrymander 0.32 85 260  
2842 N-dimension Matching 0.55 85 154  
2968 Necklace 0.15 85 561  
2990 Board Game 0.33 85 252  
3097 Falling Ice 0.33 85 251  
3819 Coverage 0.22 85 386  
2747 Shy Polygons 0.27 84 310  
3477 System of Linear Equations 0.14 84 573  
3759 Simple Distributed computing system 0.35 84 234  
1272 Synchronous Design 0.28 83 288  
1705 Generational Replacement 0.32 83 254  
2634 Nullary Computer 0.38 83 214  
2687 Earth Observation with a Mobile Robot Team 0.29 83 284  
3396 A Scheduling Problem 0.33 83 248  
3555 Cocktail 0.2 83 397  
3689 Equations 0.08 83 971  
3827 Facer is learning to swim 0.26 83 311  
1402 The Game of Master-Mind 0.47 82 174  
1424 Diamonds 0.26 82 307  
2306 Genealogical Research 0.3 82 268  
2307 Treasure Map 0.4 82 205  
2788 Black Box 0.53 82 152  
3165 Traveling Trio 0.19 82 419  
3238 A Coin Game 0.25 82 319

3520 Lowest Pyramid 0.26 82 315  
1937 Balanced Food 0.26 81 303  
2203 Patience 0.61 81 132  
2416 Return of the Jedi 0.44 81 182  
2468 Adventures in Moving - Part V 0.27 81 294  
3578 Card Game 0.13 81 588  
1212 Eeny Meeny 0.37 80 215  
1421 Peter's Calculator 0.24 80 333  
3011 Secrets in Shadows 0.21 80 368  
3479 RoBa Has a Second Art Gallery! 0.15 80 521  
3889 Fractal Streets 0.37 80 213  
3969 K-Graph Oddity 0.15 80 521  
1209 Calendar 0.14 79 534  
1233 Street Crossing 0.21 79 370  
1397 The Bulk 0.54 79 145  
1615 Merging Sequences Problem 0.17 79 464  
3381 Confectionery 0.32 79 243  
1865 Practice 0.66 78 117  
1893 Monitoring Wheelchair Patients 0.18 78 418  
2221 Frogger's For Dinner 0.54 78 143  
3586 The missionaries and cannibals 0.28 78 276  
3730 Ebbinghaus method 0.21 78 370  
4018 High security 0.26 78 300  
2300 Up the Ante 0.33 77 231  
3964 Factorial Simplification 0.36 77 211  
1592 Postscript 0.28 76 271  
2902 Intercepting Missiles 0.44 76 169  
3382 Deciphering 0.19 76 381  
3599 Pumping Lemma 0.34 76 223  
4006 Genghis Khan the Conqueror 0.38 76 199  
1764 Dice Contest 0.05 75 1426  
1824 TwoFour 0.39 75 192  
3151 Driving Directions 0.29 75 252  
3924 Tornado 0.27 75 270  
1554 Tournament Brackets 0.38 74 190  
2995 Go Endgame 0.3 74 242  
3397 Click the Lines 0.41 74 179  
3766 Hexagon Coin Toss 0.26 74 277  
1441 Table 0.24 73 297  
2177 Ghost Busters 0.37 73 195  
3515 Moving Sticks 0.33 73 215  
3679 The Delivery of Control 0.33 73 215  
3704 Mover 0.15 73 465  
3868 Garbling Game 0.25 73 290  
1643 Checker's Check 0.44 72 162  
2087 Petanque 0.4 72 176  
2314 POJ language 0.19 72 378  
2927 Constructing Roads 0.13 72 527  
3059 Rummikub 0.4 72 179  
3152 Exchange 0.22 72 317  
3906 Lucky cities 0.18 72 389  
4025 Dictionary Size 0.16 72 441  
2324 Intellectual Property 0.5 71 142  
3596 Illuminated Planet 0.25 71 282

2091 Zing Zhu's Oyster Farm 0.26 70 263  
3108 Horn Clauses 0.18 70 377  
3899 The Lucky Numbers 0.28 70 244  
1798 Dory's Phonebook 0.26 69 265  
3775 Chase 0.29 69 235  
2219 Manifest Destiny 0.27 68 243  
2534 Falling cards 0.23 68 287  
3570 Fund Management 0.26 68 256  
3791 Text Messaging Improvement? 0.32 68 208  
1582 Which Way Do I Go? 0.15 67 421  
1600 Centipede Collisions 0.26 67 257  
2237 Can 1 Marine win 2 Zerglings? 0.15 67 421  
2682 Tomato Automata 0.28 67 234  
3568 Diver 0.51 67 130  
3755 The Training of Chain Lightning 0.2 67 335  
3809 Twenty Questions 0.38 67 172  
1347 Triangle 0.29 66 226  
1443 DEL command 0.32 66 206  
1626 Chapayev 0.27 66 242  
2315 Football Game 0.28 66 228  
2542 Fool Game 0.29 66 221  
2801 Knockdown 0.22 66 287  
3127 Lineland's Airport 0.37 66 175  
3820 XML 0.22 66 296  
1766 Football 0.57 65 114  
2655 Structural Equivalence 0.42 65 154  
2779 Atom Bombs!? God! 0.17 65 381  
3064 Payment System 0.47 65 137  
1253 Markov Trains 0.22 64 287  
1614 Space AI Bombs 0.23 64 272  
1829 火力防御网 0.33 64 193  
3552 Snatch! 0.3 64 208  
1439 Rhombs 0.57 63 110  
2235 Triangularize the Convex Hull 0.21 63 295  
2428 Surface Reconstruction 0.41 63 152  
2621 Parallelepiped 0.28 63 225  
3240 Solution to the  $n^2 - 1$  Puzzle 0.17 63 362  
3610 Maclaurin Series of Reciprocals 0.32 63 194  
3811 Infected Land 0.29 63 214  
3836 P2P File Sharing System 0.38 63 162  
1490 Cabinets 0.25 62 248  
3081 Core Wars 0.39 62 156  
3584 Small Polynomial Factorization 0.24 62 257  
3867 Funny Language 0.34 62 180  
3929 Timer 0.31 62 198  
1801 Formula Racing 0.29 61 205  
2076 All Roads Lead to Albuquerque, er, Rome 0.19 61 311  
2150 Crossing Prisms 0.36 61 165  
2216 Roulette 0.28 61 215  
2730 F1 Circuit Design 0.14 61 431  
3919 Cell Towers 0.58 61 105  
1541 Dart-a-Mania 0.44 60 136  
1911 A Well-Formed Problem 0.15 60 391  
3136 The Best Name for Your Baby 0.28 60 211

4005 Moles 0.13 60 446  
2120 Herbalists 0.52 59 113  
2277 Region Filling 0.16 59 352  
2971 "Switchback" 0.23 59 249  
1427 Get Them All 0.46 58 126  
1449 Enigma 0.35 58 163  
1542 DNA Translation 0.2 58 277  
3142 Escape Plan 0.09 58 607  
3556 Increasing subsequences 0.32 58 176  
3706 System Test 0.3 58 192  
3733 Shadow Area 0.15 58 378  
3975 Shortcut 0.34 58 170  
1413 GIGA Universe Cup 0.32 57 175  
2025 Cubic Rube 0.28 57 203  
2207 Intuitionistic Logic 0.11 57 489  
2224 Missing Piece 2001 0.37 57 151  
1447 Ambiguous Dates 0.4 56 137  
2399 A Mayor Problem 0.33 56 169  
2903 Joy of Mobile Routing 0.27 56 203  
2905 Parallel Computer Simulator 0.25 56 219  
3772 Baseball of Planet Pandora 0.45 56 124  
3848 Room Assignments 0.35 56 158  
3858 Hurry Plotter 0.53 56 105  
3946 Search of Concatenated Strings 0.28 56 197  
1875 Robot 0.31 55 177  
2223 Get Out 'Da Way! 0.31 55 173  
2278 Histology Assistant 0.35 55 157  
3446 Catch the Bus! 0.38 55 144  
3634 Circle of Debt 0.34 55 158  
3804 Swimming Jam 0.49 55 112  
3816 Pool Table 0.14 55 371  
1246 Hilbert Curve Intersections 0.34 54 158  
3329 Twirl Around 0.18 54 296  
3603 Zen Puzzle Garden 0.24 54 217  
3777 Snail Alice 0.35 54 154  
3972 BF 0.22 54 242  
1668 Taxation With Representation Overdone 0.26 53 200  
2016 Ink Blots 0.26 53 200  
2360 Trains 0.27 53 190  
2814 Mobiles 0.23 53 227  
2936 Construct the Wall Maze 0.08 53 611  
3812 Block Game 0.1 53 482  
4043 Remoteland 0.24 53 219  
1641 Rational Approximation 0.42 52 122  
1921 Paper Cut 0.2 52 252  
2650 Spaghetti 0.35 52 148  
1232 Microfiches 0.37 51 135  
1333 Christmas Gifts 0.42 51 120  
1533 Mystery 0.16 51 305  
2770 Tantrix 0.64 51 79  
2911 Simplified  $\lambda$ -evaluations 0.48 51 106  
3353 Nuevo-Romano 0.09 51 529  
3896 Multiprocessor Scheduling 0.44 51 115  
2450 A New Kind of Chess 0.19 50 262

2755 Dominoes 0.26 50 186  
3242 3-dimensional Musical Water-fence 0.3 50 163  
3888 Dimensional Warp Drive 0.4 50 122  
4050 Necklace 0.25 50 197  
2294 Unfoldung 0.17 49 288  
2811 Packing Dominoes 0.3 49 161  
3549 GSM phone 0.14 49 328  
3823 Decompressing in a GIF 0.31 49 155  
3973 Highlights 0.49 49 100  
1498 Matching Meetings 0.28 48 166  
1919 Ship Journey 0.16 48 293  
1956 Pumps and Pipes 0.28 48 168  
2544 PreQueL 0.24 48 197  
2972 Laser-Ball 0.36 48 132  
3052 Geodes 0.38 48 125  
4019 Immediate Delivery 0.33 48 145  
4039 Guess the Numbers 0.45 48 105  
3478 Undergraduate Instruction Evaluation 0.44 47 106  
3559 Trigonometric optimization 0.09 47 491  
4042 Regular Convex Polygon 0.38 47 122  
1357 Afshung Pizza Delivery 0.37 46 122  
1593 Radar Scopes 0.25 46 183  
1594 Message Routing 0.59 46 77  
1670 Obstructed Rook Circuits 0.25 46 181  
1839 Cattle 0.18 46 255  
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3611 Minimum Weighted Perfect Fractional b-Matching 0.42 46 109  
3769 Baseball on the Mercury 0.34 46 132  
3942 Stopped Watches 0.65 46 70  
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2753 Similarity of necklaces 0.14 45 301  
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1902 Illumination 0.16 44 261  
3825 Here's a Product Which Will Make You Tensor 0.18 44 240  
4051 Aeroplane Chess 0.35 44 124  
1483 Going in Circles on Alpha Centauri 0.5 43 86  
1499 Supercomputer Selection, The Sequel 0.49 43 87  
3701 Rubik's Cube: 0-1 Version 0.18 43 229  
3866 Exclusive Access 2 0.43 43 100  
3879 Slalom 0.22 43 190  
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1510 Hares and Foxes 0.29 42 142  
1512 Keeps Going and Going and ... 0.51 42 82  
1807 Mayan Dates 0.44 42 94  
3830 Ancient vending machine 0.29 42 143  
1560 18 Wheeler Caravans (aka Semigroups) 0.56 41 72

1889 Package Pricing 0.08 41 456  
2293 Hey, Pay Day! 0.35 41 114  
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2824 Bohemian Rhapsody 0.11 40 352  
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3116 MegaCheckers 0.29 39 134  
3890 No Smoking, Please 0.21 39 184  
3931 Classmates 0.54 39 71  
1567 WIMP 0.42 38 90  
1746 Loan 0.19 38 196  
2423 The Parallel Challenge Ballgame 0.21 38 175  
2916 The Wolves and the Sheep Plus 0.2 38 189  
3031 Jezzball 0.47 38 80  
3531 Alternating Sum of Digits 0.2 38 190  
1908 Grid Speed 0.12 37 294  
2024 Know When to Hold 'em 0.37 37 98  
2617 Taxes 0.11 37 331  
2776 Cheat at Math 0.2 37 181  
2787 UFO Cubes in Roswell 0.17 37 217  
2910 Downpayment 0.29 37 127  
3019 Image Rotation 0.35 37 104  
3560 Supersquare 0.2 37 185  
3857 Solar Eclipse 0.27 37 136  
3859 ACM Coalition 0.55 37 67  
1445 Random number 0.33 36 109  
1954 Warez Test 0.13 36 263  
2072 GHOST 0.2 36 175  
1393 Fold-up Patterns 0.57 35 61  
1762 Bundling 0.44 35 78  
2095 Beth Tableaux 0.23 35 149  
2130 Jogging 0.09 35 383  
2929 The Traveling Salesman 0.19 35 181  
3054 High Spies 0.33 35 103  
1428 Hermes' Colony 0.15 34 214  
1500 Polygonal Puzzle 0.22 34 154  
1516 Parallel Deadlock 0.54 34 62  
1605 Horse Shoe Scoring 0.34 34 100  
3529 Matrix Analysis 0.28 34 119  
3834 Graph Game 0.16 34 206  
3930 Elevator 0.24 34 141

1467 Symbolic Derivation 0.49 33 67  
1479 MBone 0.33 33 99  
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3876 Darts 0.55 33 60  
3901 The Computer Game 0.47 33 70  
4008 Running relay 0.16 33 195  
4040 Non-negative Partial Sums 0.13 33 247  
1596 Gears on a Board 0.34 32 93  
2851 No Fold'em Hold'em 0.34 32 92  
3872 K-equivalence 0.24 32 129  
3883 Penguin Bashing 0.29 32 109  
1711 Puncher 0.31 31 100  
2123 Artinals 0.12 31 245  
1225 STRICTLY INSCRIBED SIMILAR TRIANGLES 0.31 30 95  
1553 Fax Regions 0.3 30 97  
1587 High and Dry 0.24 30 122  
2839 Convex Hull and Triangle 0.13 30 218  
2962 Who owns the Amiga? 0.35 30 84  
3113 The Halting Problem 0.19 30 156  
3575 Kingdom Partitioning 0.15 30 195  
4037 Distributing Ballot Boxes 0.14 30 205  
1210 City Directions 0.17 29 166  
1534 Terrorist Attack 0.21 29 134  
3851 Wormholes 0.15 29 188  
3871 Java Certification 0.18 29 158  
1883 Theseus and the Minotaur 0.19 28 142  
2863 Mission Impossible 0.2 28 138  
3153 Fool's Game 0.2 28 135  
3591 Ants and Aphides 0.1 28 268  
3793 Joe's Triangular Gardens 0.68 28 41  
3861 Royal Gems 0.14 28 187  
1360 Blue x Red = Bang 0.13 27 200  
3144 Guarding Zion 0.12 27 223  
3545 K'ak'-u-pakal and Mayan Script 0.19 27 141  
3798 Cave Crisis 0.24 27 109  
3943 Digits on the Floor 0.51 27 52  
3976 Kings 0.38 27 71  
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3875 Lights 0.24 26 108  
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3551 Putin-chess 0.2 25 123  
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2517 Cover 0.15 24 159  
3474 Ellipsoid 0.32 24 74  
3491 Rotated Sky Charts 0.05 24 419  
3564 Magic pyramid 0.17 24 134  
3770 Baseball on the Mars 0.14 24 162  
1361 JaWs 0.29 23 77  
1814 Polynomial 0.07 23 288  
3354 Connect the Dots 0.12 23 181  
3651 Slink 0.33 23 69

3933 New Liquid 0.63 23 36  
1820 Expression 0.0 22 2309  
1871 Bullet Hole 0.06 22 335  
2401 Street Polygon 0.1 22 209  
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3828 Zombies VS Plants 0.18 22 119  
3880 Routing 0.61 22 36  
3143 False Perceptions 0.1 21 197  
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3089 Sign Message Formatting 0.26 20 76  
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3796 Spatial Concepts Test 0.66 20 30  
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 4013 Cube Coloring 0.04 8 176  
 3780 Tour Route 0.02 6 232  
 1345 Address Recovery 0.25 5 20  
 3810 Hobby on Rails 0.55 5 9  
 4024 Caption 0.07 5 63  
 4053 World of Goo 0.05 5 87  
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 3203 Incremental Python Parsing 0.05 4 74  
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 4035 Coin Collecting 0.05 3 55  
 1531 Trooper of Bam 0.01 2 170  
 3202 A Very Simple Compiler 0.04 2 45  
 4017 Galaxy Interconnection 0.03 2 59  
 4033 Lanes 0.04 2 49  
 4015 Electrification 0.04 1 25  
 4054 KINA Is Not Abbreviation 0.01 1 59  
 4027 Flights 0.0 0 39  
 4029 Huzita Axiom 6 0.0 0 20  
 4032 Kingdom Roadmap 0.0 0 183  
 4036 Cybercrime Donut Investigation 0.0 0 112

抓取程序:

```

[python] C {
01. import time
02. import urllib2
03. from bs4 import BeautifulSoup
04. import sys, codecs
05. reload(sys)
06. sys.setdefaultencoding('utf-8')
07.
08. # print sys.setdefaultencoding()
09.
10. sys.stdout = codecs.getwriter('utf8')(sys.stdout)
11. sys.stderr = codecs.getwriter('utf8')(sys.stderr)
12.
13.
14. class Problem:
15.     """A problem on POJ with ID, Title, Ratio(AC, submit)"""
16.     def __init__(self, ID, Title, Ratio, AC, submit):
17.         self.ID = ID
18.         self.Title = Title
19.         self.Ratio = float(Ratio)
20.         self.AC = int(AC)
21.         self.submit = int(submit)
22.
23. def getProblemList():
24.     url = "http://poj.org/problemset?volume={pagenum}"
25.     problems = []
26.     for pagenum in range(1, 32):
27.         # print 'pagenum:', pagenum
28.         soup = BeautifulSoup(urllib2.urlopen(url.format(pagenum = pagenum)).read())
29.         rows = soup.find("table", {"class" : "a"}).find_all("tr", {"align" : "center"})
30.         # print rows
31.
32.         for row in rows:

```

```
33.         cells = [x.get_text() for x in row.find_all("td")]
34.         # print cells
35.         ID, Title, Ratio, AC, submit = cells[0], cells[1], float(cells[2].split("%")
[0]) / 100, int(cells[2].split('(')[1].split('/')[0]), int(cells[2].split('(')
[1].split('/')[1][:1])
36.         # print ID, Title, Ratio, AC, submit
37.         problems.append(Problem(ID, Title, Ratio, AC, submit))
38.         # rn = cells[0].get_text()
39.         # print rn
40.         <span style="white-space:pre">         </span>time.sleep(3)
41.         for problem in sorted(problems, key = lambda x : x.AC, reverse = True):
42.             print problem.ID, problem.Title, problem.Ratio, problem.AC, problem.submit
43.
44.     def hardmode():
45.         problems = []
46.         with open('log.txt') as f:
47.             for line in f:
48.                 fileds = line.split()
49.                 # print len(fileds), fileds
50.                 ID, Title, Ratio, AC, submit = fileds[0], ' '.join(fileds[1:-3]), fileds[-3], fi
51.                 problems.append(Problem(ID, Title, Ratio, AC, submit))
52.             for problem in sorted(problems, key = lambda x : x.AC):
53.                 print problem.ID, problem.Title, problem.Ratio, problem.AC, problem.submit
54.
55.     if __name__ == "__main__":
56.         hardmode()
```

hard模式:

4027 Flights 0.0 0 39  
4029 Huzita Axiom 6 0.0 0 20  
4032 Kingdom Roadmap 0.0 0 183  
4036 Cybercrime Donut Investigation 0.0 0 112  
4015 Electrification 0.04 1 25  
4054 KINA Is Not Abbreviation 0.01 1 59  
1531 Trooper of Bam 0.01 2 170  
3202 A Very Simple Compiler 0.04 2 45  
4017 Galaxy Interconnection 0.03 2 59  
4033 Lanes 0.04 2 49  
1892 VTAS - Vessel Traffic Advisory Service 0.02 3 135  
4035 Coin Collecting 0.05 3 55  
3161 Numerical Integration 0.01 4 363  
3203 Incremental Python Parsing 0.05 4 74  
1345 Address Recovery 0.25 5 20  
3810 Hobby on Rails 0.55 5 9  
4024 Caption 0.07 5 63  
4053 World of Goo 0.05 5 87  
3780 Tour Route 0.02 6 232  
3582 Last Hit 0.02 8 338  
3806 Origami Through-Hole 0.36 8 22  
3939 Extended Manhattan Distance 0.14 8 55  
4013 Cube Coloring 0.04 8 176

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