NAME:

COUNTRY:

POINTS:



$13^{\text{TH}} 24$ Hours Puzzle Championship

9-11, November, 2012 Hotel Amadeus Budapest

PUZZLES BY: RAUNO PÄRNITS & TIIT VUNK

| HONEYCOMB | 25 POINTS (5 +20) |
|------------------------|--------------------------|
| CHESS & SHIPS | 50 POINTS (20 + 30) |
| MAMMOTH CAVES | 50 POINTS (15+35) |
| 1-2-3 SNAIL | 40 POINTS (20+20) |
| IRREGULAR VOWEL SUDOKU | 40 POINTS |
| STAR BATTLE | 40 POINTS |
| LINES OF ACTION | 40 POINTS (10 + 30) |
| BLANK CROSSWORD | 120 POINTS (40 + 80) |
| EASY AS BATTLESHIP | 40 POINTS |
| HITORI | 20 POINTS |
| EASY AS ABC | 25 POINTS |
| ARROW MAZE | 45 POINTS (15 +30) |
| POLYGRAPH TEST | 30 POINTS (10+20) |
| NUMBER PLACE | 100 POINTS (20+30+50) |
| CAMPIXU | 50 POINTS (10+40) |
| CARS | 60 POINTS |
| RUSSIAN FIELDS | 85 POINTS (20 + 25 + 40) |
| TAPA-SUDOKU | 140 POINTS (30+110) |
| | |

TOTAL 1000 POINTS





13TH 24 Hours Puzzle Championship 9-11, November, 2012

HOTEL AMADEUS, BUDAPEST



PUZZLES BY TIIT VUNK

Irregular vowel sudoku



40 points

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Place letters into grid so that each letter appears only once in every row, column and thickly outlined areas. In grey cell you can place only vowels (A, E, I, O).



Place two stars in each row, column and thickly outlined area (one star per cell) so that stars do not touch, not even diagonally. Example with one star.





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Lines of action



Connect two cells with the same letters by a line. The sections of a line run horizontally or vertically between the center points of orthogonally adjacent cells. A line must not cross or touch itself or another line. If there is a more than 2 similar letters, choose the right pair. Ignore single letters. There can be unused cells.



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PUZZLES BY RAUNO PÄRNITS

Blank crossword

Create a crossword grid by painting some cells black. Numbers below and right indicate the number of black cells in the corresponding row/column. Numbers above and left indicate the lenght of longest word (longest consecutive sequence of white cells) in corresponding row/column. Black cells can touch each other and there can be isolated areas.









 $13^{\text{TH}} 24$ Hours Puzzle Championship PUZZLES BY 9-11, NOVEMBER, 2012 **RAUNO PÄRNITS** HOTEL AMADEUS, BUDAPEST Number place Place given set of numbers into the grid rows, so that each pentomino piece contains only the same digits. 3-digits numbers don't overlap. Example 6 6 6 3 3 6 22363 points 266 6 42 \triangleright 6 4 6 4 1 1 1 1 116, 216, 266, 333, 363, 411, 444, 622, 642, 666 50 points 117, 137, 147, 331, 337, 337, 371, 411, 417, 447, 447, 477, 733, 744, 771 points 111, 116, 117, 138, 166, 188, 222, 226, 276, 334, 338, 344, 355, 438, 444, 473, 525, 555, 111, 116, 133, 143, 221, 555, 666, 669, 777, 777, 799, 321, 422, 444, 446, 462, 822, 834, 888, 992, 994, 999 466, 621, 622, 643, 662

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Campixu

Paint some cells black in the grid. In one region, marked by a thick line, the cells must be all painted or all unpainted. In each row and column the first number indicates the number of painted cells in the corresponding row or column. In each row and column the second number indicates the amount of groups of painted cells. There must be at least one unpainted cell between two groups of painted cells.



points



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PUZZLES BY RAUNO PÄRNITS

Cars



Write car names next to every row and below every column of the grid so that all letters of each car can be found in the corresponding row/column. Each letter in the grid belongs to only one car. Some cars in the list are not used.



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Russian fields

Divide the grid (along the grid lines) in 8 fields, all of them different by size 1-8. All intersections where three segments of field borders meet are marked with circles in the grid. There are no intersections of four segments of field borders. No fields contains 2x2 or bigger area. All walls should be connected from both ends.









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