可佳·鹏程杯
KeJia•PengCheng Cup

2011北京国际数独大奖赛
Beijing International Sudoku Tournament

NAME: SEAT:

Round 3
60 minutes

180 POINTS

1. Killer Sudoku	20	
2. Skyscrapers Sudoku	14	
3. Product Sudoku	28	
4. Quadruple Sudoku	23	
5. Outside Sudoku	24	
6. Mathdoku	30	
7. The Greater Sudoku	19	
8. Kid Sudoku	22	

minutes x 3 =Bonus

Total

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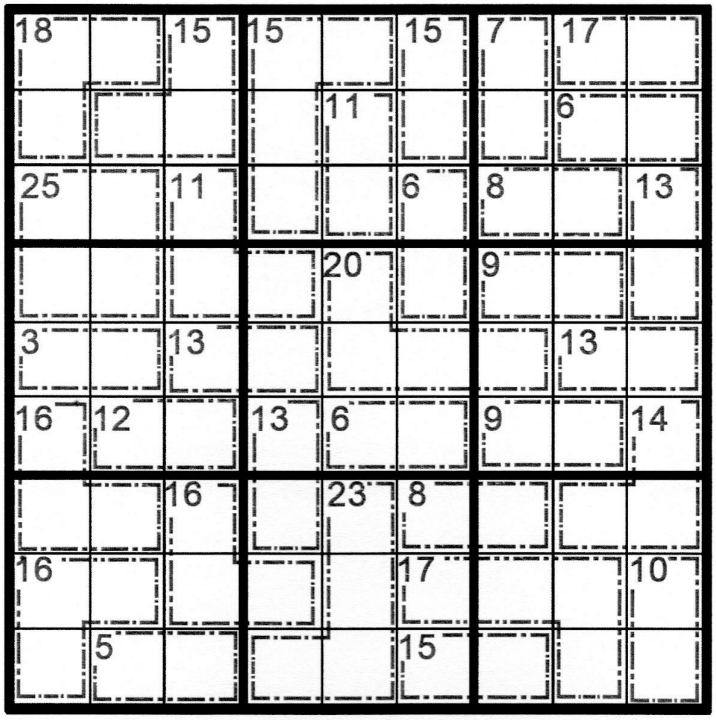
Round 3
Puzzle 1

20 POINTS

Killer Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. The sum of the cells in the cage must equal the total given in the upper left of the cage. Each digit in the cage must be unique.



Score:

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Round 3
Puzzle 2

14
POINTS

Skyscrapers Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Consider each number to be the height of a building. The numbers outside the grid indicate how many buildings can be seen when looking in that direction (taller buildings conceal smaller buildings behind them).

	2	1	2	3	3	
		1		6		4		7		
2			2		9		4			2
	4								6	
3		8						3		2
	9				2				5	
7		2						8		1
	7								1	
3			1		5		7			5
		9		7		6		2		
	3		3		5		2		2	

Score:

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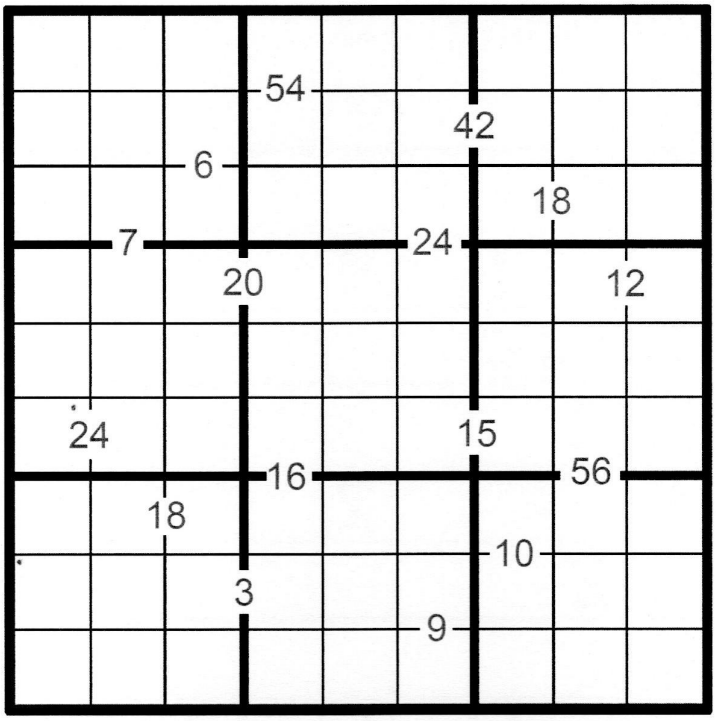
Round 3
Puzzle 3

28
POINTS

Product Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. The small numbers between two cells is the product of the two numbers.



Score:

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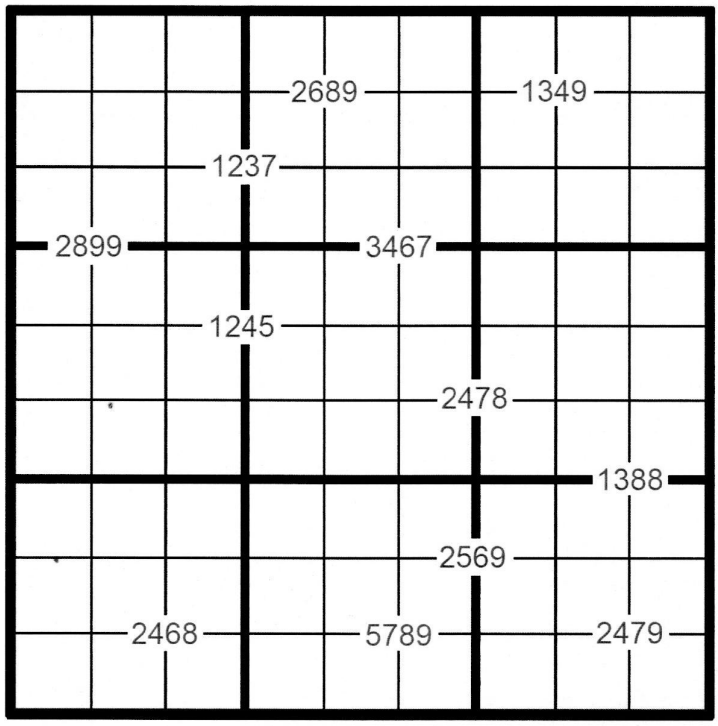
Round 3
Puzzle 4

23
POINTS

Quadruple Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Each set of four small digits at the intersection of two lines indicate the digits that are in the four adjacent cells.



Score:

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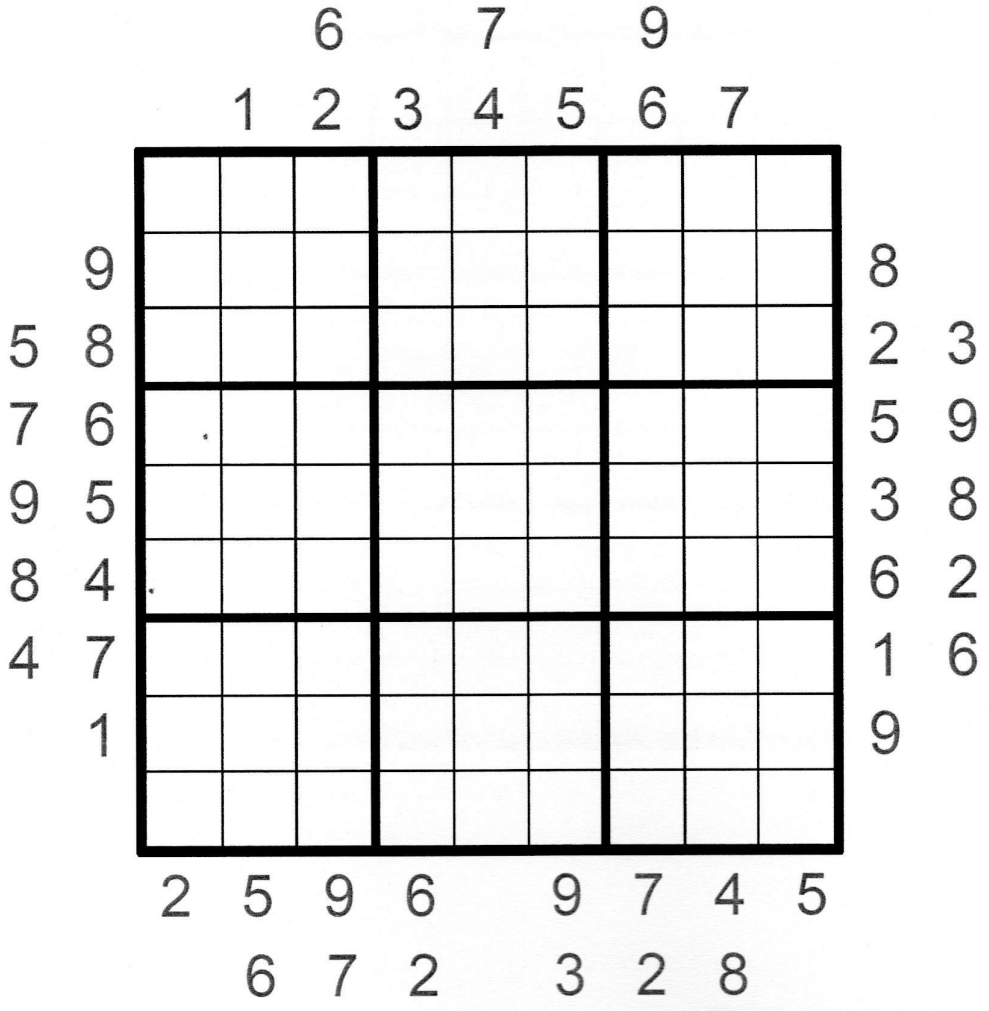
Round 3
Puzzle 5

24
POINTS

Outside Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. Digits are given outside of the grid, and each digit must appear in the first region (three cells) in that row/column.



Score:

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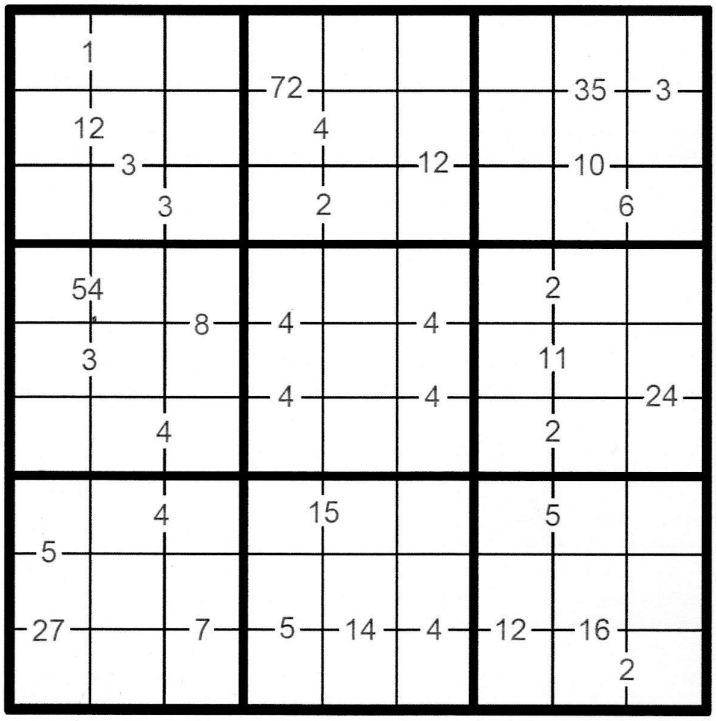
Round 3
Puzzle 6

30
POINTS

Mathdoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. In each box there are subsidiary numbers between two cells. These numbers are the results of binary operations (addition, subtraction, multiplication, or division). All four binary operations must be used in each box.



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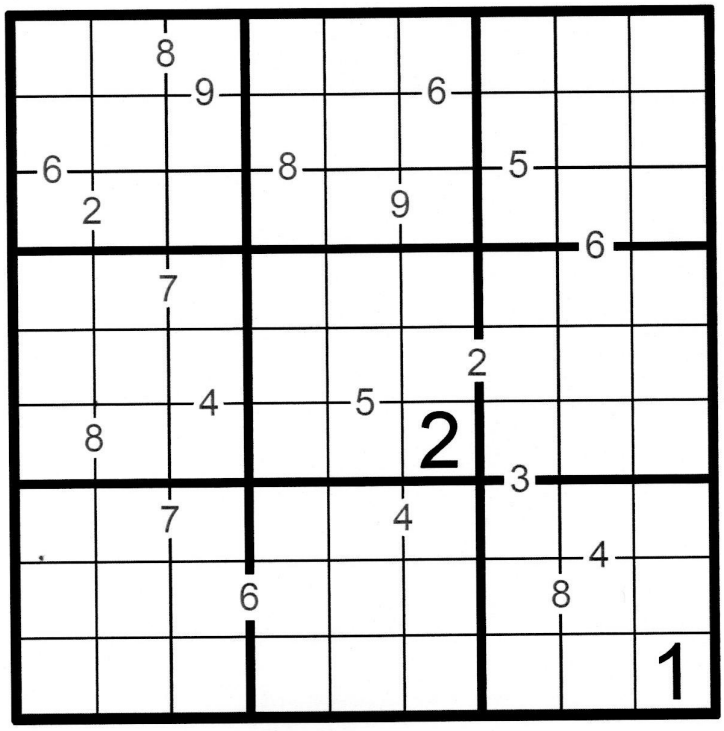
Round 3
Puzzle 7

19 POINTS

The Greater Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. The small number between two cells stands for the larger of the two adjacent digits.



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Round 3
Puzzle 8

22 POINTS

Kid Sudoku

Fill in the grid so that every row, column, and 3x3 box contains the digits 1 through 9. The clues (to the left of some rows) have been provided by a kid who does not know counting (or addition) beyond 9. Each digit in the clue indicates the sums of (one or more) continuous numbers from left to right for the row, with the additional constraint that no sum can exceed 9.

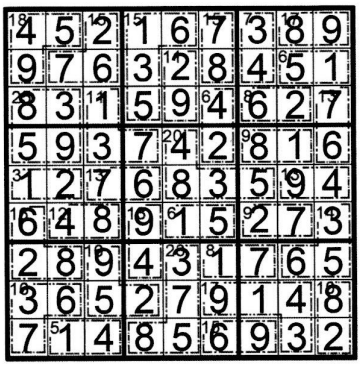
796887	5								4
9199782									
878859					3				
5689773									
798885									
778896									
9477891					2				
686997									
9746928	1								8

Score:

北京广播电视台
Beijing Media Network

Round 3

1



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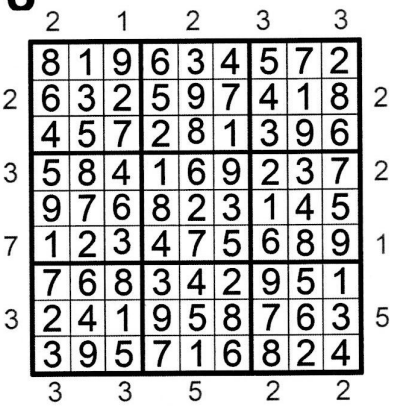

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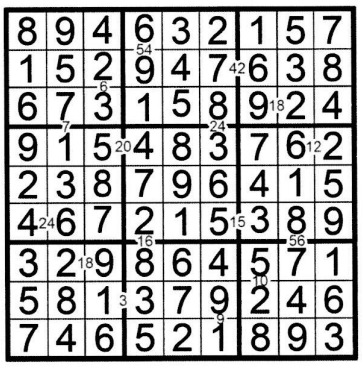

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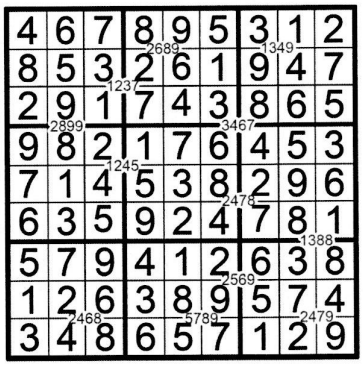

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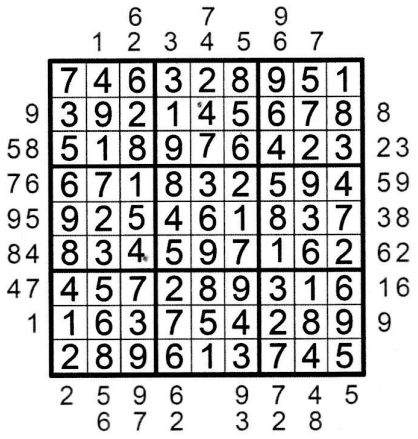

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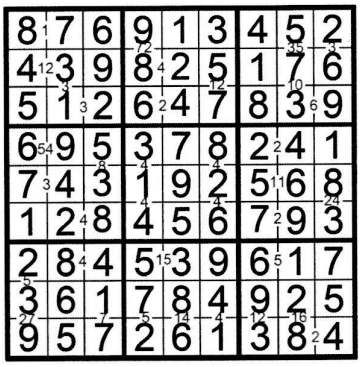

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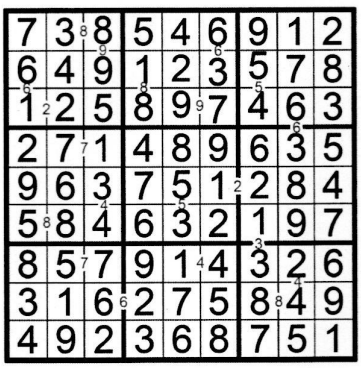

8