WPF
SUDOKU/PUZZLE
GRAND PRIX
2016

WPF SUDOKU GP 2016
INSTRUCTION BOOKLET

ROUND 6

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General Answer Format

Each Sudoku has two marked rows or columns. You need to submit all digits in the corresponding directions, from left to right or from top to bottom.

In the example to the right, the two answer keys are:

1A: 367594218

1B: 283749165

All puzzles will use digits 1-9 in the submission, except Odd-Even-Big-Small Sudoku. Odd-Even-Big-Small Sudoku will use digits 1-8.

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

Submission Page

http://gp.worldpuzzle.org/content/sudoku-gp

Version

This is version 2 of the instruction booklet. It corrects a minor typographical error where the points for puzzles 1-6 (Classic Sudoku) were displayed as "?, ?, ?, ?, ?, ?".

Points Distribution

1	Classic Sudoku	16
2	Classic Sudoku	18
3	Classic Sudoku	22
4	Classic Sudoku	25
5	Classic Sudoku	36
6	Classic Sudoku	38
7	Odd-Even-Big-Small Sudoku	28
8	Arrow Sudoku	39
9	Irregular Sudoku	84
10	Consecutive Sudoku	33
11	Diagonal Sudoku	112
12	Extra Regions Sudoku	28
13	Odd-Even Pairs Sudoku	27
14	Liar Sudoku	94
TOTAL:		**600**

1-6 Classic Sudoku

16, 18, 22, 25, 36, 38 points

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 3×3 box contains each number exactly once.

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

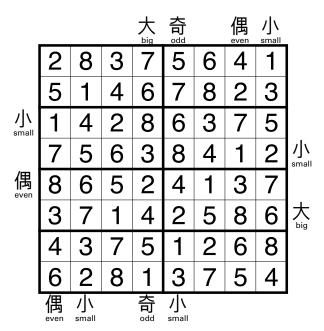| 5	9	1	8	6	2	4	7	3
3	6	7	5	9	4	2	1	8
8	2	4	1	7	3	6	5	9
1	3	2	9	8	5	7	4	6
6	4	5	3	1	7	9	8	2
9	7	8	4	2	6	5	3	1
7	5	9	6	3	1	8	2	4
2	8	3	7	4	9	1	6	5
4	1	6	2	5	8	3	9	7

7 Odd-Even-Big-Small Sudoku

28 points

Place a number from 1-8 in each empty cell in the grid such that each row, column and marked 8-cell box contains each number exactly once. The clues outside the grid indicate that the first two cells in the corresponding direction must contain numbers matching the description.

Odd = {1, 3, 5, 7}; Even = {2, 4, 6, 8}; Big = {5, 6, 7, 8}; Small = {1, 2, 3, 4}.

Outside clues (left grid) — top: 大 (big), 奇 (odd), 偶 (even), 小 (small); left: 小 (small), 偶 (even); right: 小 (small), 大 (big); bottom: 偶 (even), 小 (small), 奇 (odd), 小 (small).

	1				8		
		2					
			3				
				4			
					5		
		7				6	

Outside clues (right grid) — top: 大 (big), 奇 (odd), 偶 (even), 小 (small); left: 小 (small), 偶 (even); right: 小 (small), 大 (big); bottom: 偶 (even), 小 (small), 奇 (odd), 小 (small).

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

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8 Arrow Sudoku   39 points

Apply classic sudoku rules.

A number placed in a cell with a circle must be the sum of the numbers placed in cells the adjoining arrow passes through. Numbers may repeat on arrows.

9 Irregular Sudoku   84 points

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 9-cell region contains each number exactly once.

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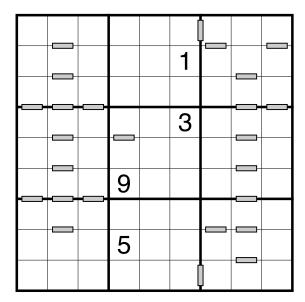
10 Consecutive Sudoku   33 points

Apply classic sudoku rules.

Adjacent cells containing consecutive numbers are marked. Adjacent cells with no marking must not contain consecutive numbers.

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

11 Diagonal Sudoku   112 points

Apply classic sudoku rules.

Each marked diagonal must also contain each number from 1-9 exactly once.

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

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12 Extra Regions Sudoku　　　　　　　　　　　　　　　　28 points

Apply classic sudoku rules.

Each of the shaded regions must also contain each number from 1-9 exactly once.

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

13 Odd-Even Pairs Sudoku　　　　　　　　　　　　　　　27 points

Apply classic sudoku rules.

Exactly one odd and one even number must be placed in each marked pair of adjacent cells.

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

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14 Liar Sudoku

94 points

Apply classic sudoku rules.

Exactly one given clue in each row, column and marked 3 × 3 box is incorrect.