



WPF
SUDOKU/PUZZLE
GRAND PRIX
2015

WPF SUDOKU GP 2015 INSTRUCTION **BOOKLET**

ROUND **2**

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Organised by



WORLD PUZZLE FEDERATION



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.

All puzzles will use digits 1-9 in the submission.

Submission Page: <http://gp.worldpuzzle.org/content/sudoku-gp>

This is version 1 of these instructions.

Points:

1	Classic Sudoku	20
2	Classic Sudoku	20
3	Classic Sudoku	25
4	Classic Sudoku	30
5	Classic Sudoku	35
6	Classic Sudoku	60
7	Nonconsecutive Sudoku	40
8	Before 9 Sudoku	40
9	Diagonal Sudoku	70
10	No Touch Sudoku	70
11	Even Passage Sudoku	45
12	Star Product Sudoku	55
13	Battleships Sudoku	90

TOTAL: **600**

1-6 Classic Sudoku

Place a digit from 1 to 9 in each empty cell so that each digit appears exactly once in every row, column, and outlined 3×3 region.

Example

		1	8		2	4		
1A →		6			9		1	
	8							9
	1			9	8	5		6
		4		3		7		8
	9			4	2	6		1
1B →	7							4
		8			4			6
			6	2		8	3	

Solution

	5	9	1	8	6	2	4	7	3
1A →	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
1B →	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 Nonconsecutive Sudoku

Apply Classic Sudoku rules. Additionally, cells sharing an edge cannot contain digits differing by 1.

Example

	2		3		8		1	
7A →	8				1			4
	7							3
		8					2	
	6							1
7B →	9				5			7
		5		4		7		6

Solution

	4	2	7	3	6	8	5	1	9
7A →	8	6	3	9	1	5	2	7	4
	5	9	1	7	4	2	6	3	8
	7	1	9	5	2	6	4	8	3
	3	8	5	1	7	4	9	2	6
	6	4	2	8	3	9	7	5	1
	2	7	4	6	8	3	1	9	5
7B →	9	3	6	2	5	1	8	4	7
	1	5	8	4	9	7	3	6	2



8 Before 9 Sudoku

Apply Classic Sudoku rules. Additionally, the clues outside the grid show the sum of the digits that appear before 9 in the corresponding row or column.

Example

	7	16	32	6	24	36	29	18	
36		1						7	
13	3	8						1	6
2					6				
15				7		5			
32					2				
12									
27	7	5						8	1
22		2						4	

Solution

	7	16	32	6	24	36	29	18	
36	4	1	5	6	3	2	8	7	9
13	3	8	2	9	7	4	5	1	6
	9	7	6	5	8	1	4	3	2
2	2	9	8	4	6	3	1	5	7
15	1	3	4	7	9	5	6	2	8
32	5	6	7	1	2	8	3	9	4
	8	4	9	3	1	7	2	6	5
12	8	4	9	3	1	7	2	6	5
27	7	5	3	2	4	6	9	8	1
22	6	2	1	8	5	9	7	4	3

9 Diagonal Sudoku

Apply Classic Sudoku rules. Additionally, each digit appears exactly once in the two main diagonals.

Example

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

Solution

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	



10 No Touch Sudoku

Apply Classic Sudoku rules. Additionally, cells touching diagonally cannot contain the same digit.

Example

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

Solution

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

11 Even Passage Sudoku

Apply Classic Sudoku rules. Additionally, there must be an orthogonally-connected path of cells containing even digits that travels from the (shaded) top left corner of the grid to the (shaded) bottom right corner.

Example

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

Solution

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

	6	8	1	25	3	6	4	9	41
6	6	3	7	1	4	9	2	8	5
13A →	4	5	2	3	7	8	9	1	6
5	8	9	1	6	2	5	3	7	4
14	2	4	8	5	3	7	1	6	9
1	1	6	9	2	8	4	7	5	3
30	3	7	5	9	1	6	4	2	8
15	9	2	3	8	6	1	5	4	7
13B →	5	8	4	7	9	2	6	3	1
11	7	1	6	4	5	3	8	9	2