



WPF
SUDOKU/PUZZLE
GRAND PRIX
2016

WPF SUDOKU GP 2016 INSTRUCTION **BOOKLET**

ROUND **4**

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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.

In the example, the two answer keys are:

1A: 367594218

1B: 283749165

All puzzles will use digits 1-9 in the submission, except Capsules Sudoku. Capsules Sudoku will use digits 1-8.

	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
	7	5	9	6	3	1	8	2	4
1B →	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 1 of the instruction booklet.

Points Distribution

1	Classic Sudoku	15
2	Classic Sudoku	19
3	Classic Sudoku	27
4	Classic Sudoku	29
5	Classic Sudoku	39
6	No Touch Sudoku	33
7	Non-Consecutive Sudoku	36
8	Capsules Sudoku	27
9	Parquet Sudoku	54
10	Kropki Sudoku	92
11	Clone Sudoku	64
12	Anti-Diagonal Sudoku	82
13	Odd Sums Sudoku	83
TOTAL:		600



1-5 Classic Sudoku

15, 19, 27, 29, 39 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

6 No Touch Sudoku

36 points

Apply classic sudoku rules.

Numbers placed in cells that meet diagonally at a point must be different.

	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	

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



7 Non-Consecutive Sudoku

33 points

Apply classic sudoku rules.

Numbers placed in adjacent cells must not be consecutive.

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

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

8 Capsules Sudoku

27 points

Place a number from 1-8 in each empty cell in the grid such that each row, column and marked region each number exactly once. Note that cells containing capsules span three columns.

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

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



9 Parquet Sudoku

54 points

Place a number from 1-9 in each empty cell in the grid such that each row, column and marked 4×4 box contains each number exactly once. Note that some cells are contained in multiple rows and/or columns.

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

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

10 Kropki Sudoku

92 points

Apply classic sudoku rules.

Adjacent cells containing consecutive numbers are marked with a white dot. Adjacent cells containing numbers whose ratio is 2 are marked with a black dot. Adjacent cells with no marking must not contain numbers that are either consecutive or whose ratio is 2.

N.B. Adjacent cells containing 1 and 2 may be marked by a dot of either colour.

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



11 Clone Sudoku

64 points

Apply classic sudoku rules.

In each shaded region of the same shape, the numbers placed in corresponding cells of the regions must be the same.

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

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

12 Anti-Diagonal Sudoku

82 points

Apply classic sudoku rules.

Each marked diagonal must contain exactly three different numbers.

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

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



13 Odd Sums Sudoku

83 points

Apply classic sudoku rules.

The clues outside the grid indicate, in the correct order, the sums of all consecutive sequences of odd numbers in the corresponding direction. There must be at least one even number placed between two such sequences.

			12			12							
			5			12				1		17	
			8			1				25		24	8

12	9	4	7				6					4
	20	5		1			7				6	
	3	5	17									
10	9	6				8		6				
			1	6						7	9	
	9	13	3			7		5				
	9	5	11									
		1	24		2		4			9		
	16	9		5			2				6	

			12			12							
			5			12				1		17	
			8			1				25		24	8

12	9	4	7	5	8	9	6	1	3	2	4	
	20	5	2	1	9	3	7	4	5	6	8	
	3	5	17	6	4	3	2	5	8	9	1	7
10	9	6	3	7	4	8	9	6	2	5	1	
			1	6	5	4	3	2	8	7	9	
	9	13	3	9	8	2	7	1	5	6	4	3
	9	5	11	4	9	6	5	8	7	1	3	2
		1	24	8	2	1	6	4	3	7	9	5
	16	9		5	3	7	1	2	9	4	8	6