



WPF
SUDOKU/PUZZLE
GRAND PRIX
2015

WPF SUDOKU GP 2015 COMPETITION BOOKLET

ROUND 2

Puzzle authors:

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Organised by



WORLD PUZZLE FEDERATION


1 Classic Sudoku
(20 points)

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.

1A →

1B →

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

2B
↓

2 Classic Sudoku
(20 points)

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.

2A →

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

3 Classic Sudoku

(25 points)

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.

3A →

3B →

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

4 Classic Sudoku

(30 points)

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.

4A →

4B →

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

**5 Classic Sudoku****(35 points)**

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.

5A →

5B →

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

6 Classic Sudoku**(60 points)**

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.

6A →

6B →

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



7 Nonconsecutive Sudoku

(40 points)

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

7A →

7B →

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

8 Before 9 Sudoku

(40 points)

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.

8A →

8B →

	5	22	32	17	8	25	19	36
36								
10		3					6	
8					7			
2								
					1			
24								
26								
14		6					2	
28								

9 Diagonal Sudoku
(70 points)

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

9A →

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

9B →

10B
↓

10 No Touch Sudoku
(70 points)

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

10A →

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

**11 Even Passage Sudoku****(45 points)**

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.

11A →

11B →

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

12 Star Product Sudoku**(55 points)**

Apply Classic Sudoku rules. Additionally, the clues outside the grid indicate the product of the digits placed in the cells containing stars in the corresponding row or column.

12A →

12B →

	18	45	288	60	84	240	21	504	40
24	*					*			*
24		*			*			*	
162			*	*			*		
40			*	*					*
315		*			*			*	
35	*					*	*		
48			*			*	*		
252		*			*			*	
240	*			*					*



13 Battleships Sudoku

(90 points)

Apply Classic Sudoku rules. Additionally, place the given set of battleships into the grid; ships cannot touch even diagonally. The clues outside the grid indicate the sum of the digits occupied by ships in the corresponding row or column.



13A →

13B →

	7	5	11	9	5	25	2	33	11
17	6								4
3									
10				2		1			
7			1				9		
32									
5			8				2		
3				1		4			
25									
6	9								1