



WPF
SUDOKU/PUZZLE
GRAND PRIX
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WPF SUDOKU GP 2022
INSTRUCTION BOOKLET

ROUND 7

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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.



Submission Page:

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

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

Version:

This is version 1 of the instruction booklet.

Points:

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TOTAL:		600

1-6 Classic Sudoku

Place a digit from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each digit exactly once.

Example

		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		

Solution

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 Clone Sudoku

Apply classic sudoku rules. Digits in the same place in both shaded figures must be identical.

Example

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

Solution

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



8 Palindrome Sudoku

Apply classic sudoku rules. Digits along any grey line form a palindrome i.e. they read the same in both directions.

Example

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

Solution

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

9 Irregular Sudoku

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

Example

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

Solution

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

10 Non-Consecutive Sudoku

Apply classic sudoku rules. Digits placed in adjacent cells must not be consecutive.

Example

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

Solution

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

11 Even Sudoku

Apply classic sudoku rules. Digits placed in shaded cells must be even.

Example

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

Solution

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

12 Thermo Sudoku

Apply classic sudoku rules. Starting at the "bulb", digits placed along each marked thermometer must form a strictly increasing sequence.

Example

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

Solution

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

13 Pointing Digits Sudoku

Apply classic sudoku rules. A digit N in a cell with an arrow sees another digit N, which is N cells away in the arrow's direction (diagonally). Arrows may be reciprocal (pointing towards each other). Not all possible arrows are given.

Example

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

Solution

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



14 Ascending Starters Sudoku

Apply classic sudoku rules. Clues outside the grid indicate the sum of the first set of **all** ascending digits, starting from the first cell from the corresponding side. Sets may consist of only one digit.

Example

2									15
5									4
34									6
13									

10
14
13
27

2
25
17
14

Solution

2	7	9	4	3	6	1	2	8	5
5	1	2	6	9	8	5	4	7	3
34	3	8	5	2	4	7	6	1	9
2	2	1	8	5	3	4	7	9	6
5	5	3	9	1	7	6	8	2	4
34	4	6	7	8	9	2	3	5	1
	9	4	3	7	5	8	1	6	2
	8	5	1	6	2	3	9	4	7
13	6	7	2	4	1	9	5	3	8

10
14
13
27

2
25
17
14