



WPF
SUDOKU/PUZZLE
GRAND PRIX
2024

WPF SUDOKU GP 2024
INSTRUCTION **BOOKLET**

ROUND 4

Puzzle authors:

China

Siyuan Luo (罗思远)

Organised by



WORLD PUZZLE FEDERATION

**General Answer Format:**

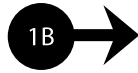
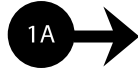
Each Sudoku has two marked rows or columns. You need to submit all digits in the corresponding directions, from left to right or from top to bottom.

In the example, the two answer keys are:

1A: 367594218

1B: 283749165

All puzzles will use digits 1-9 in the submission except the puzzle 6 where digits 1-8 are used.



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 1 of the instruction booklet.

Points:

1	Classic Sudoku	13
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TOTAL:		630



1-5 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

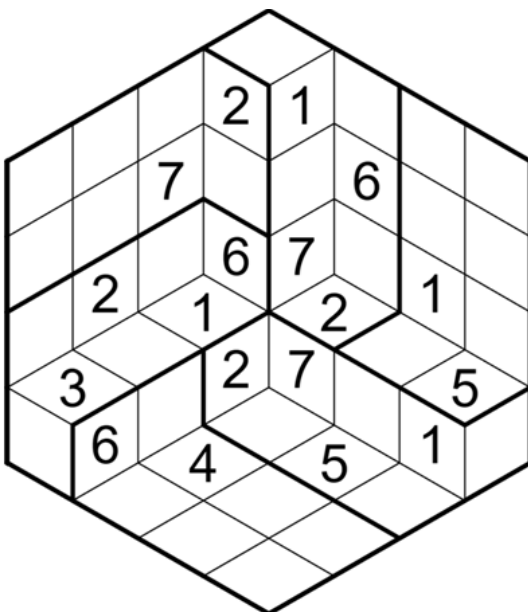
5	9	1	8	6	2	4	7	3
3	6	7	5	9	4	2	1	8
8	2	4	1	7	3	6	5	9
1	3	2	9	8	5	7	4	6
6	4	5	3	1	7	9	8	2
9	7	8	4	2	6	5	3	1
7	5	9	6	3	1	8	2	4
2	8	3	7	4	9	1	6	5
4	1	6	2	5	8	3	9	7

6 3D Sudoku

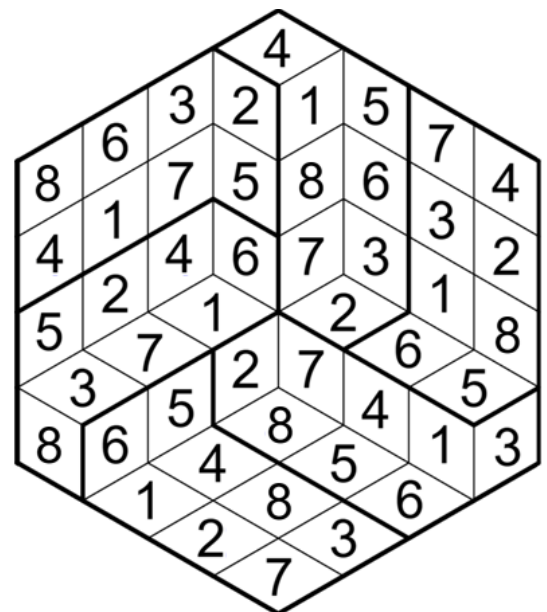
Place a digit from 1-8 in each empty cell in the grid such that each row, column and outlined regions contains each digit exactly once. This puzzle has 12 lines (instead of rows and columns) and 6 regions. The lines are not straight. The way to identify a line is by taking a cell at the edge of the grid and to follow a path by finding the next cell that touches the opposite side of the cell. You repeat this process until you reach the other edge. Examples of the lines you can find on the last page of this booklet.

Note: Two lines will be marked for the answer key.

Example



Solution





7 Diagonal Anti-Diagonal Sudoku

Apply classic sudoku rules. One marked diagonal contains digits from 1-9 exactly once and the other contains exactly 3 different digits.

Example

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

Solution

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

8 Palindrome Sudoku

Apply classic sudoku rules. Digits along any gray 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



11 One or Two Difference Pairs Sudoku

Apply classic sudoku rules. If a circle is given between two adjacent cells, then the difference in those cells must be 1 or 2. Not all circles are given; adjacent cells without a circle may contain either consecutive digits, digits whose difference is 2 or other non-consecutive digits.

Example

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

Solution

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

12 Renban Sudoku

Apply classic sudoku rules. Shaded regions must contain a set of distinct, consecutive digits in any order.

Note: Instead of shaded regions renban groups in this puzzle will be represented by gray lines.

Example

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

Solution

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

Puzzle 6: 3D Sudoku - Examples of the lines (red, green and blue)

Note: Geometry of the puzzle may differ.

