

# WPF SUDOKU GP 2015 INSTRUCTION BOOKLET



Puzzle authors:
Russia
Andrey Bogdanov

Organised by









### **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:**

**TOTAL:** 

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

600







### 1-6 Classic Sudoku

Example

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.

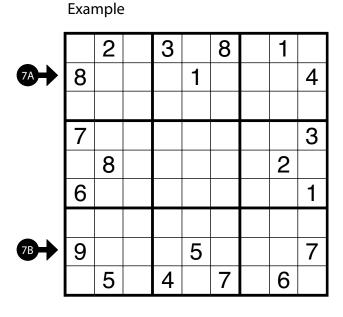
Solution

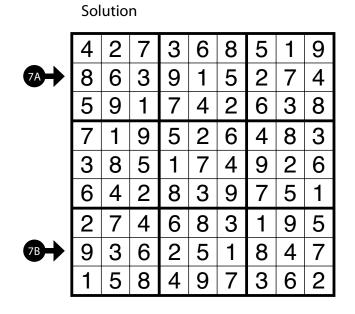
### 

	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
<b>1</b> B→	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.





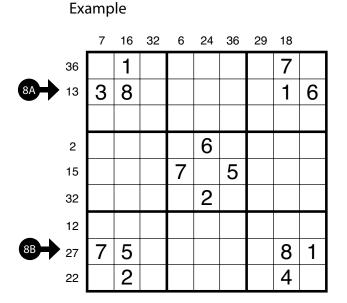


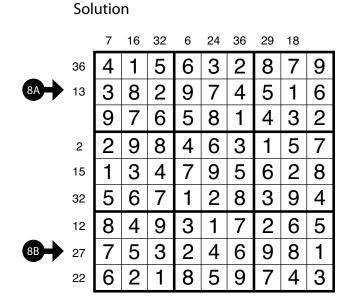




### 8 Before 9 Sudoku

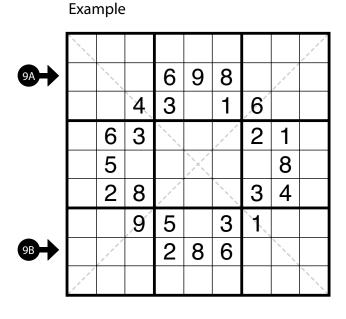
Apply Classic Sudoku rules. Additionally, the clues outside the grid show the sum of the digits that appear before 9 in the corresponding row or column.

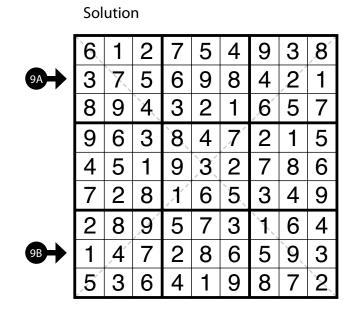




## 9 Diagonal Sudoku

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











### **10 No Touch Sudoku**

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

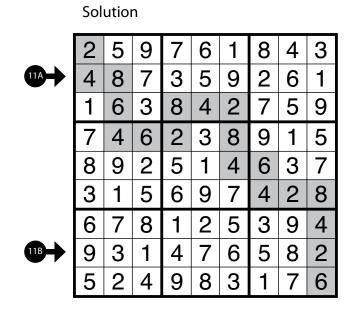
### Example Solution

# 11 Even Passage Sudoku

Example

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.

_									
	2		9		6		8		3
				თ		9			
	1		3				7		9
		4		2		8		1	
	8								7
		1		6		7		2	
	6		8				3		4
<b>□B</b> →				4		6			
	5		4		8		1		6



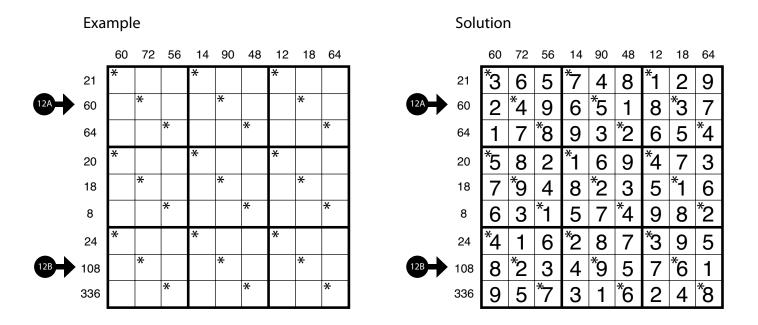






### **12 Star Product Sudoku**

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.



## 13 Battleships Sudoku

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.

