



INSTRUCTION BOOKLET

1. DUPLEX SUDOKU	48 pt
2. MASONRY SUDOKU	59 pt
3. MAZE SUDOKU	78 pt
4. ARCHERY SUDOKU	82 pt
5. BASTION SUDOKU	82 pt
6. SHIELD SUDOKU	74 pt
7. SUDOKU WITH ROPES	77 pt
TOTAL	500 pt

TIME

50 minutes

BONUS

10 points per minute saved if all puzzles are solved correctly

ANSWER KEY

Digits in the marked rows (from left to right) or columns (from top to bottom), or diagonals (from top to bottom) as indicated by arrows

Thanks to Prasanna Seshadri and Seungjae Kwak

1. DUPLEX SUDOKU

48 pt

Fill the grid with digits from 1 to 8 (4 in the example). Digits must be different in rows and columns. In each outline area the digits from 1 to 8 (4 in the example) are used twice.

→

	1		
		2	
			4
3			

→

2	1	4	3
4	3	2	1
1	2	3	4
3	4	1	2

Answer: 2143, 4321

2. MASONRY SUDOKU

59 pt

Apply classic sudoku rules. The two-digit numbers read left to right in 10 (4 in the example) horizontal bricks strictly decrease when moving row by row from top to bottom and left to right.

→

2			
1			

→

2	1	3	4
4	3	1	2
3	2	4	1
1	4	2	3

Answer: 4312, 3241

3. MAZE SUDOKU

78 pt

Apply classic sudoku rules. In the marked rectangles, draw a path 1-2-3-4-5-6-7-8-9 (1-2-3-4 in the example) consisting of horizontal and vertical lines.

↓ ↓

1			

↓ ↓

3	4	1	2
1	2	4	3
2	1	3	4
4	3	2	1

Answer: 4213, 1432

4. ARCHERY SUDOKU

82 pt

Apply classic sudoku rules. Some cells contain bow arrows. The digit in such cell is the sum of the nearest (one, two, three...) digits in the direction indicated by the arrow. All cells with digits that have the described property are marked.

↖ ↗ ↘ ↙

↖ ↗ ↘ ↙

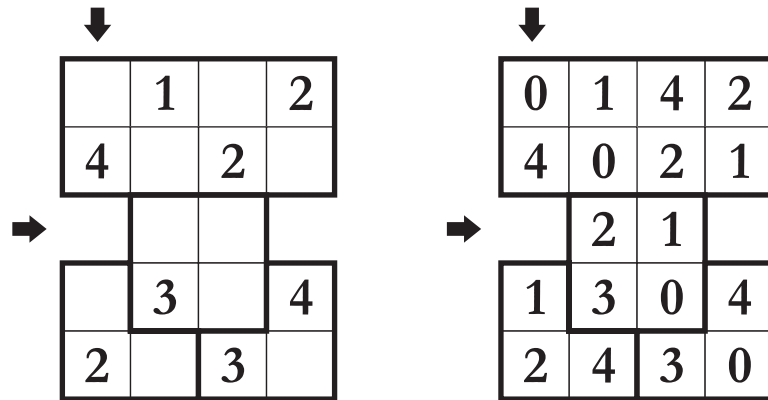
1	3	4	2
4	2	1	3
2	1	3	4
3	4	2	1

Answer: 1231, 2113

5. BASTION SUDOKU

82 pt

Fill the grid with digits from 0 to 9 (4 in the example). In the 4 x 2 and 2 x 4 rectangles, there will be some four digits repeated twice. The digits don't repeat in other outlined areas, as well as in the rows and columns.

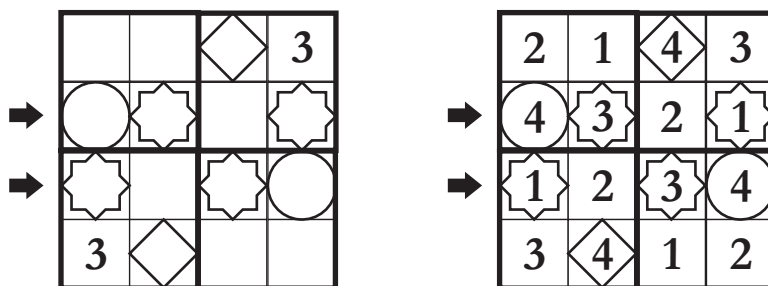


Answer: 0412, 21

6. SHIELD SUDOKU

74 pt

Apply classic sudoku rules. The sums of digits in all circles, all diamonds and all octagons are equal.

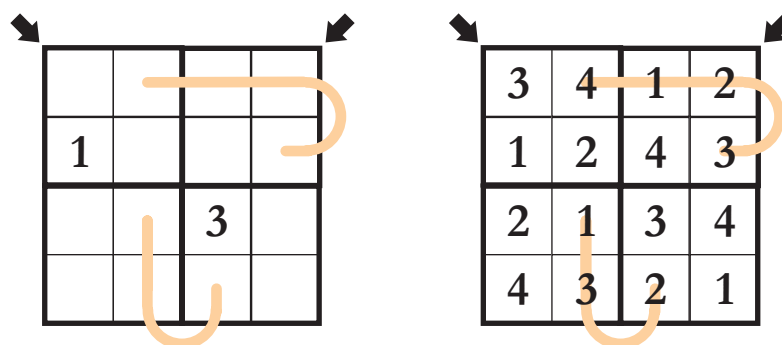


Answer: 4321, 1234

7. SUDOKU WITH ROPES

77 pt

Apply classic sudoku rules. Along each rope, there is a set of non-repeating consecutive digits, not necessarily in order.



Answer: 3231, 2414