



SUDOKU - Japanese square odd/even

01052017 - RS - 3\* - 1663

Standard sudoku rules apply. Clues outside the grid indicate the sums of digit groups in that row or column in the given order. Clues on top refer to groups of odd digits. These groups are separated by at least one even digit. Clues on the left refer to groups of even digits, that are separated by at least one odd digit.

ODD		1	1						
	1		1		1				3
	2	3	1		2	2			1
	2	2	2		1	3			1

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

MATHRAX

02052017 - RS - 4\* - 1664

Fill in the numbers 1-8 on each row and column. On some intersections you find hints. E means that in all four squares the number is even, and O means that all four numbers are odd. A number and a sign (+, -, x, /) means that that is the result of the two paired diagonally adjacent squares.

3-			5+		5-
		6+		4-	
	12x				0
3/			1-		4-
		9+		6+	
0			E		2-

## DOMINO

03052017 - RS - 4\* - 1665

A complete set of dominoes is placed in the grid. The boundaries are all removed and the number of pips is indicated by digits. Draw the boundaries so that the complete set of dominoes is shown.

- 00
- 01 11
- 02 12 22
- 03 13 23 33
- 04 14 24 34 44
- 05 15 25 35 45 55
- 06 16 26 36 46 56 66

1	3	2	5	4	5	6	6
0	5	6	2	0	0	0	4
1	3	3	3	3	6	1	0
1	2	5	6	4	6	5	4
0	3	4	2	2	0	3	4
6	1	4	1	0	3	5	6
5	5	2	1	4	2	1	2

## CAPSULES

04052017 - RS - 3\* - 1666

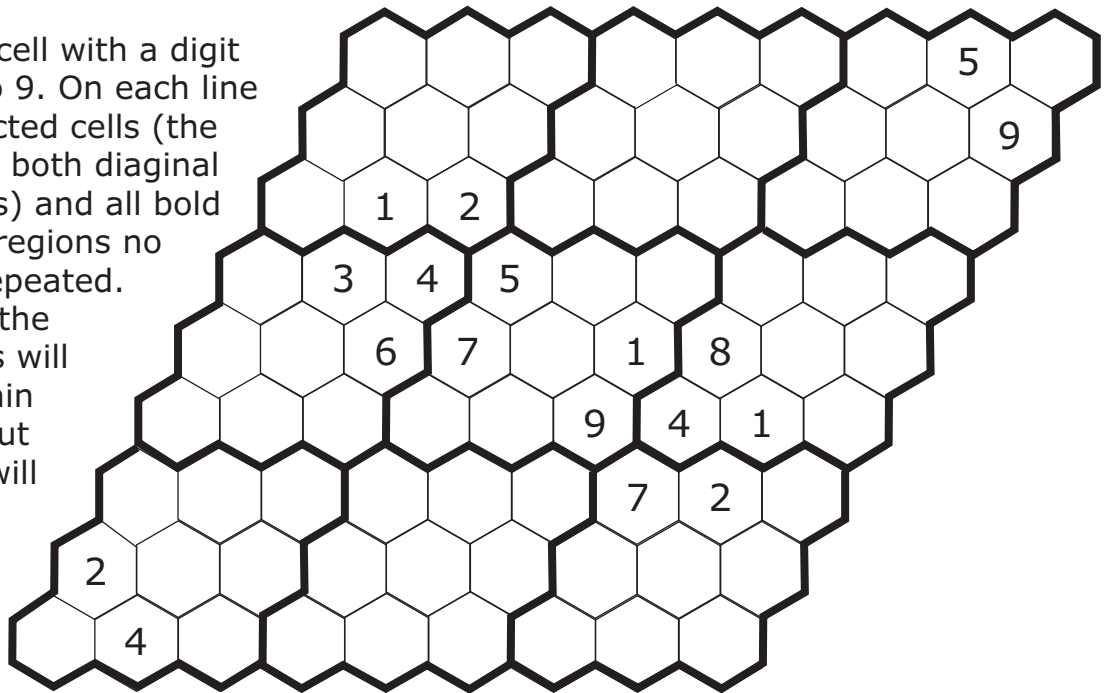
Place numbers in the grid such that each thick-outlined region contains the numbers 1 to 5. Two same numbers cannot touch each other, not even diagonally.

2			3					5
	1						3	
			2					5
4				3				
	3						4	
2					5			1

SUDOKU - hex

05052017 - RS - 5\* - 1667

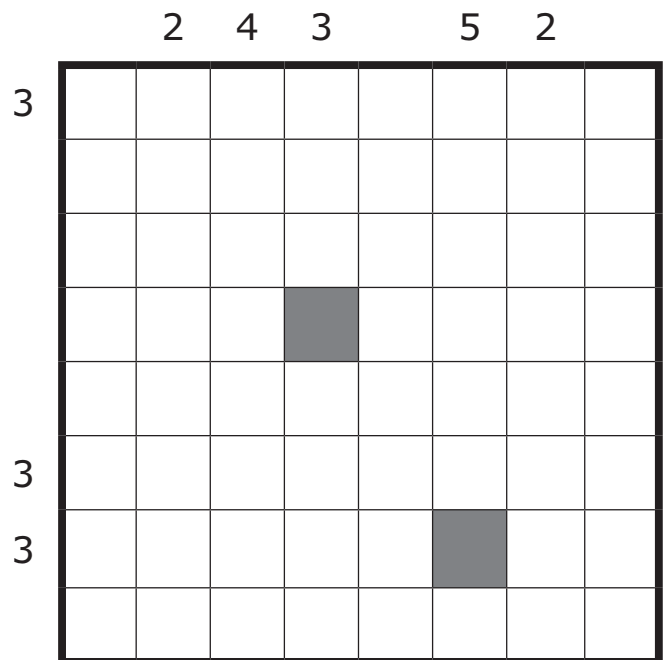
Fill each cell with a digit from 1 to 9. On each line of connected cells (the rows and both diagonal directions) and all bold outlined regions no digit is repeated. Some of the diagonals will not contain 9 cells, but no digit will repeat within them.



SNAKE

08052017 - Hns - 3\* - 1668

Find a snake in the grid whose head and tail are indicated by the grey cells. The snake wriggles horizontally and vertically and never touches itself, not even diagonally. The digits outside the grid indicate the number of cells occupied by the snake in that row or column.



SUDOKU - extra regions

09052017 - RS - 3\* - 1669

Place the digits 1-9 in each column, each row and in all nine 3x3 regions. Digits may not repeat in grey areas.

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

MOCHIKORO

10052017 - RS - 2\* - 1670

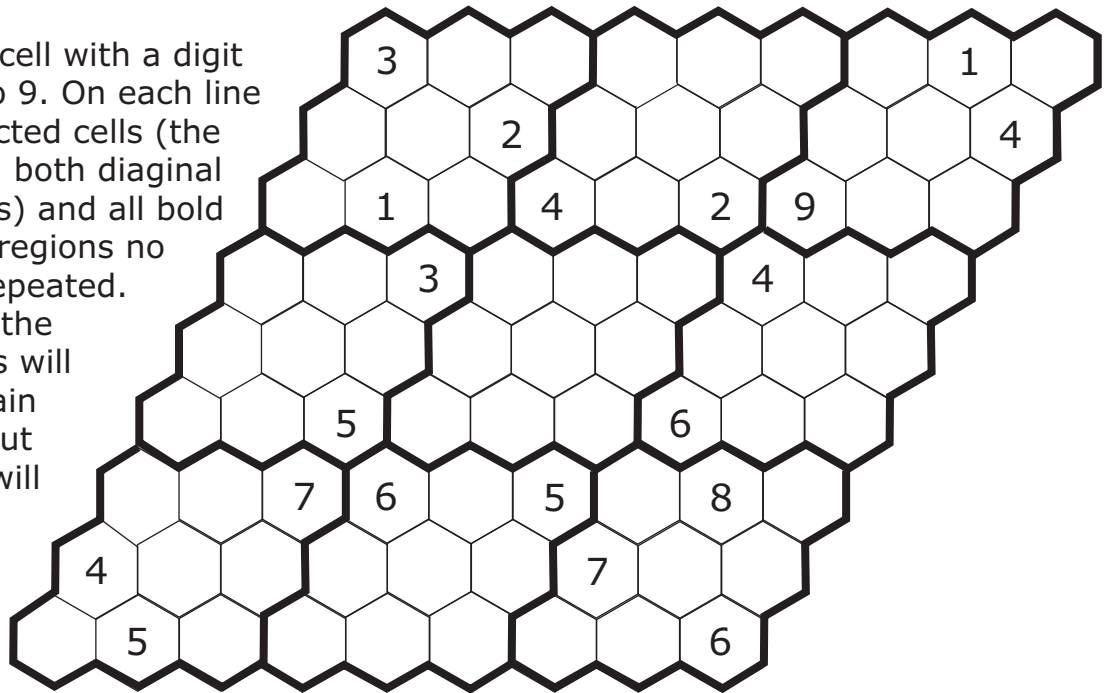
Blacken some cells in order to form rectangular areas of white cells. No two areas share an edge, but all areas are interconnected through their corners. All numbered cells are part of a white area, but not all white areas have a number. The number indicates the amount of white cells in that area, including the cell with the number. Blackened 2x2 areas are not allowed.

1				3				1
		4						
				6				
3							2	
		5						3
					4			
							3	
	1				4			2

SUDOKU - hex

11052017 - RS - 4\* - 1671

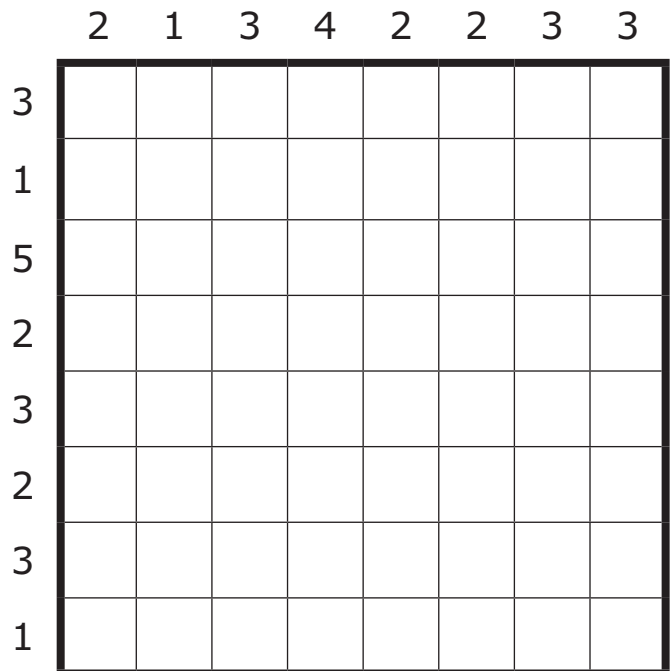
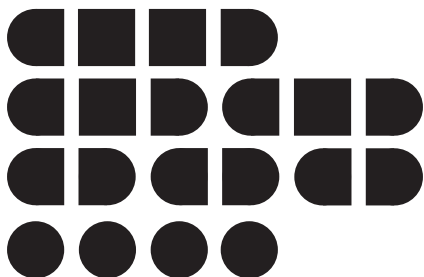
Fill each cell with a digit from 1 to 9. On each line of connected cells (the rows and both diagonal directions) and all bold outlined regions no digit is repeated. Some of the diagonals will not contain 9 cells, but no digit will repeat within them.



BATTLESHIPS

12052017 - Hns - 5\* - 1672

Place the given ships in the grid, so that they don't touch each other, not even diagonally. Numbers outside the grid indicate how many cells are occupied by ship segments.



DOUBLE BLOCK

15052017 - Hns - 2\* - 1673

Blacken exactly two cells in each row and each column of the grid. Place figures 1-4 on each row and column. Numbers outside the grid indicate the sum of the figures between the two black cells in the corresponding row or column.


6
6
5
4
7
4

4
10
1
3
10
2

SUDOKU - RENBAN

16052017 - RS - 4\* - 1674

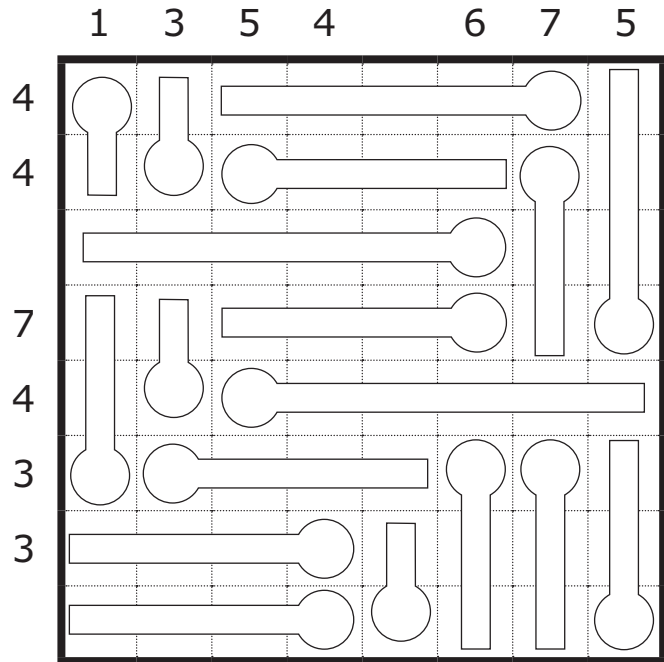
Place the numbers 1 to 9 on each row, in all columns and in the nine 3x3 regions. Numbers in coloured regions are consecutive.

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

THERMOMETERS

17052017- Hns - 2\* - 1675

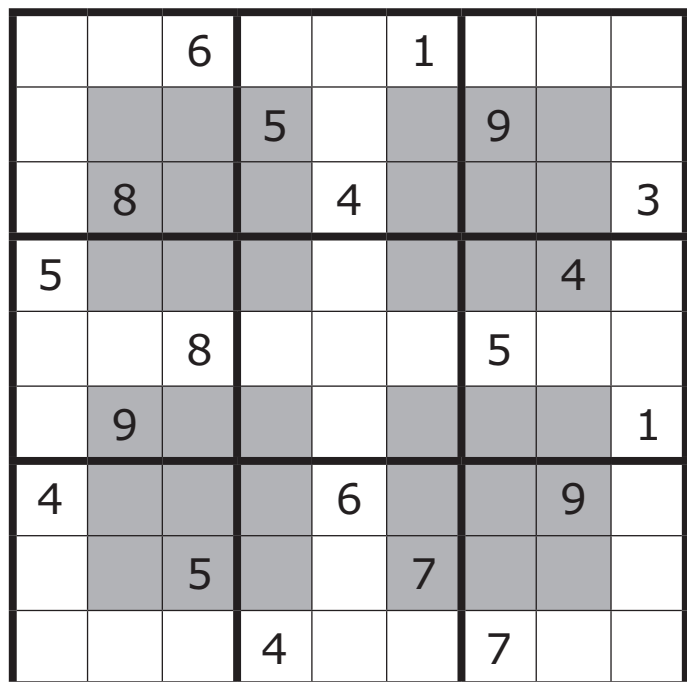
There are thermometers in the grid, all of which have their own level of mercury. The mercury always starts from the rounded end and fills toward the other end. There may be empty or full thermometers as well. Numbers around the grid indicate the number of squares in the given row or column that contain mercury.



SUDOKU - windoku

18052017 - AB - 4\* - 1676

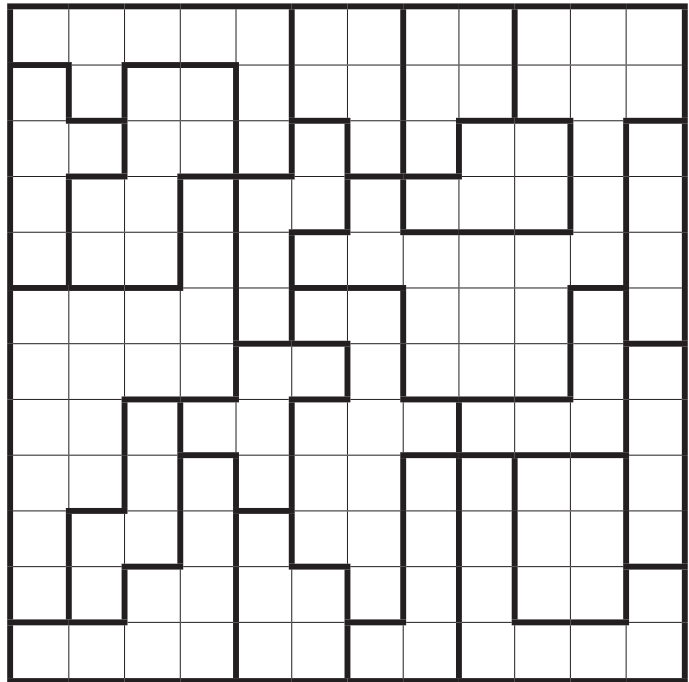
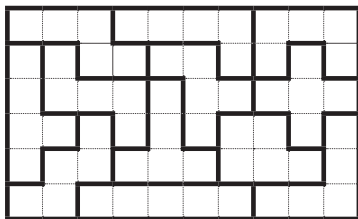
Place the digits 1-9 in each column, each row, in all 3x3 regions and in the four grey coloured squares.



PENTOMINO IN THE BOX

19052017 - RS - 4\* - 1677

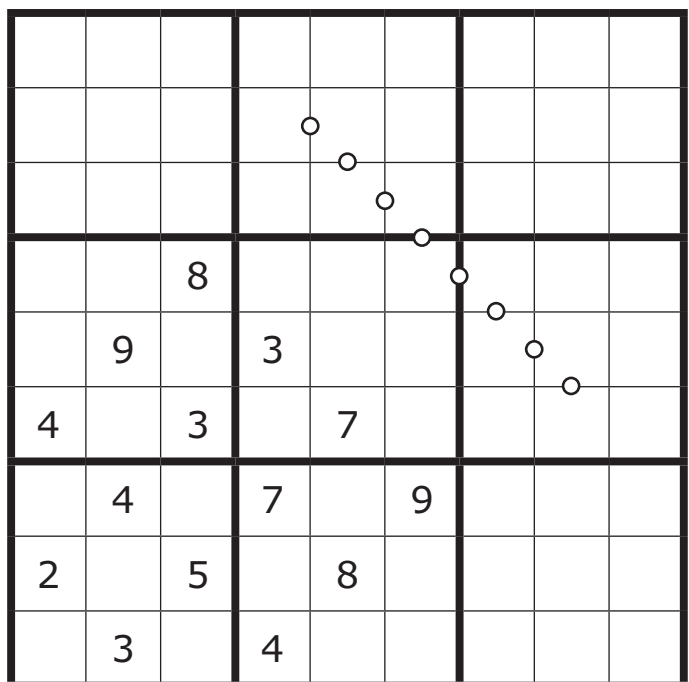
Place all twelve different pentominoes in the grid, in such a way that they don't touch each other, not even diagonally. The pentominoes may be rotated and/or mirrored. Every bold outlined area contains exactly three cells that belong to two different pentominoes.



SUDOKU - consecutive

22052017 - RS - 3\* - 1678

Place the digits 1-9 in each column, each row and in all 3x3 regions. All the places where consecutive numbers have to be filled in are marked with a circle.

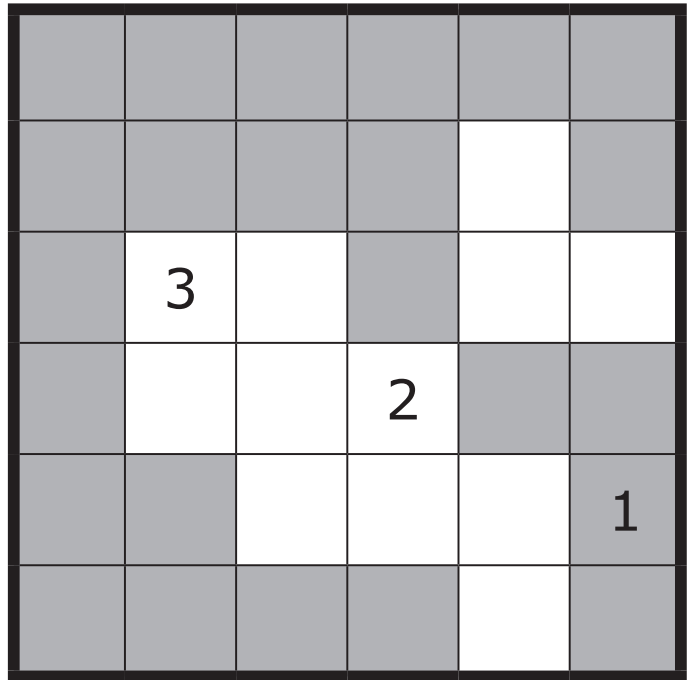




### NEIGHBOURS

23052017 - Hns - 2\* - 1679

Place digits 1–3 in the grid so that in each row and column, each digit appears two times. Numbers in grey cells do not share an edge with a cell containing the same number. Numbers in white cells share an edge with at least one cell containing the same number. All grey cells are given.

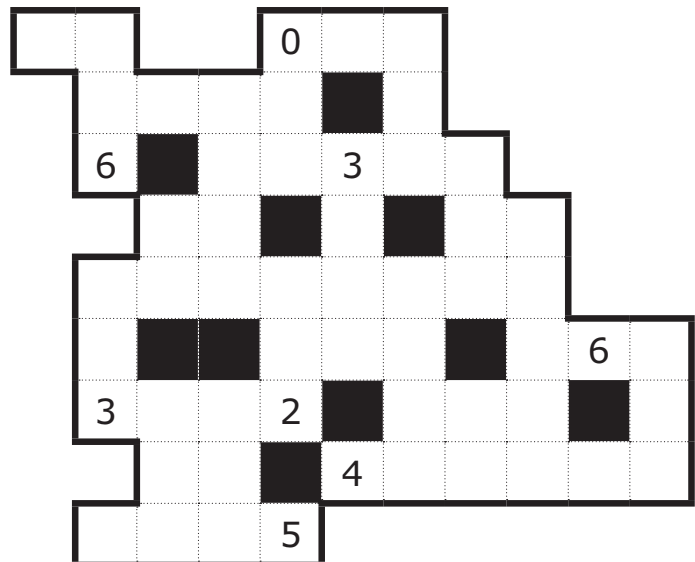


### DOMINO - plus

24052017 - RS - 3\* - 1680

A complete set of dominoes is placed in the grid. The ends of adjacent stones have the same value.

- 00
- 01 11
- 02 12 22
- 03 13 23 33
- 04 14 24 34 44
- 05 15 25 35 45 55
- 06 16 26 36 46 56 66



SUDOKU - chaos

25052017 - RS - 3\* - 1681

Place the digits 1-9 in each column, each row and in all nine outlined regions.

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

DOMINION

26052017 - Hns - 3\* - 1682

Place some dominoes (1x2 black cells) in the grid, in order to divide the grid into some regions of adjacent squares. Dominoes cannot overlap or touch each other from the sides. It is also not possible that a domino covers a letter. All areas have at least one letter. Same letters belong to the same area, different letters belong to a different area.

	I						D		
					D			A	
G							A		
	G								
		E			H				
							A		C
			H					B	
		J			A				
				F					
						F			

SUDOKU - next to nine

29052017 - Hns - 3\* - 83

Place the digits 1-9 in each column, each row and in all 3x3 regions. In this Sudoku, the digits on the outside indicate which digits are directly adjacent to the digit 9 in that row or column. The digits are not necessarily listed in order.

	26	8	35	23	15	37	26	45	5
47									
36									
28	3						2		
15									
12				3					
58									
6			4						1
46									
6									

EASY AS ABCD

30052017 - Hns - 2\* - 1684

Fill the grid with letters ABCD so that each row and column contains each letter exactly once. Some cells remain empty. Letters outside the grid indicate the first letter in that row or column from that direction.

	B	B	D	C	B	D
C						
B						
C						
D						
A						
	D	A	A	D	B	

SUDOKU - staircase

Follow standard sudoku rules. This sudoku contains gaps, so that every row and column has 9 cells where the digits 1 to 9 have to be filled in, as well as in every 3x3-block; the gaps must be ignored while solving.

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

01052017 - RS - 3\* - 1663

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

02052017 - RS - 4\* - 1664

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

03052017 - RS - 4\* - 1665

1	3	2	5	4	5	6	6
0	5	6	2	0	0	0	4
1	3	3	3	3	6	1	0
1	2	5	6	4	6	5	4
0	3	4	2	2	0	3	4
6	1	4	1	0	3	5	6
5	5	2	1	4	2	1	2

04052017 - RS - 3\* - 1666

2	3	2	3	5	1	5	4	2	5
4	1	5	4	2	4	3	1	3	1
2	3	2	1	5	1	2	5	4	2
4	5	4	3	4	3	4	3	1	3
3	1	2	1	2	5	1	2	4	5
4	5	3	5	4	3	4	5	1	2
3	2	1	2	1	5	1	3	4	3
1	4	5	3	4	3	4	5	2	5
5	3	2	1	5	1	2	1	4	3
2	1	5	4	2	4	5	3	2	1

05052017 - RS - 5\* - 1667

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

To make the sudoku - hex solutions fit, this is my solution. Sorry for the mixed up order! ;-)

		2	4	3		5	2	
3								
3								

08052017 - Hns - 3\* - 1668

09052017 - RS - 3\* - 1669

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

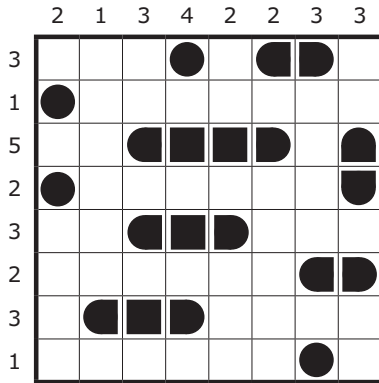
11052017 - RS - 4\* - 1671

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

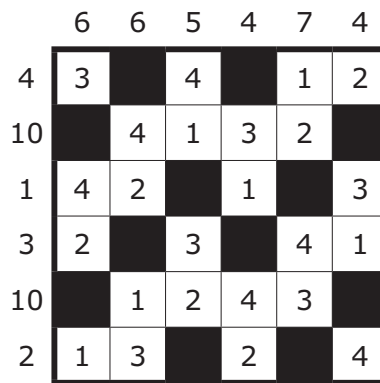
1			3			1	
		4					
			6				
3					2		
		5					3
				4			
					3		
1				4			2

10052017 - RS - 2\* - 1670

12052017 - Hns - 5\* - 1672



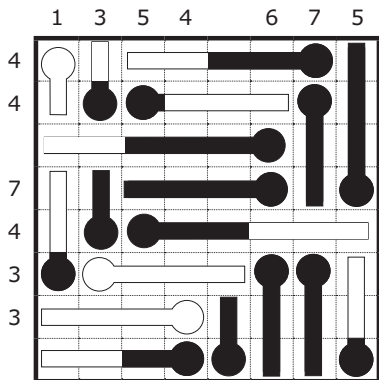
15052017 - Hns - 2\* - 1673



16052017 - RS - 4\* - 1674

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

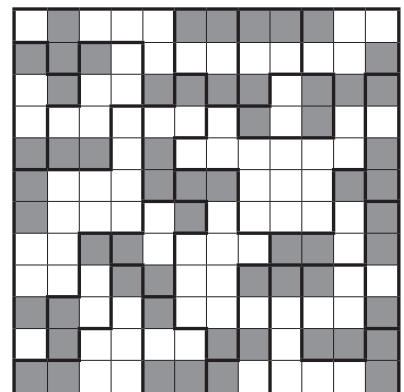
17052017- Hns - 2\* - 1675



18052017 - AB - 4\* - 1676

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

19052017 - RS - 4\* - 1677



22052017 - RS - 3\* - 1678

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

23052017 - Hns - 2\* - 1679

2	1	2	3	1	3
3	2	3	1	2	1
1	3	1	3	2	2
2	3	1	2	1	3
3	1	2	2	3	1
1	2	3	1	3	2

24052017 - RS - 3\* - 1680

2	5		0	0	3				
5	5	5	5	3					
6		5	5	3	3				
	4	4		3	6	6			
4	4	4	2	2	2	6	6		
3			2	2	2		6	6	4
3	1	1	2		0	0	0		4
	1	1		4	0	0	0	1	1
6	1	1	5						

25052017 - RS - 3\* - 1681

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

26052017 - Hns - 3\* - 1682

	I					D		
					D		A	
G							A	
	G							
		E			H			
							A	C
			H					B
	J			A				
				F				
					F			

29052017 - Hns - 3\* - 83

	26	8	35	23	15	37	26	45	5
47	4	9	7	8	2	3	5	1	6
36	1	8	2	5	6	9	3	4	7
28	3	5	6	1	4	7	2	9	8
15	8	4	3	6	7	1	9	5	2
12	7	1	9	2	3	5	6	8	4
58	6	2	5	9	8	4	1	7	3
6	9	6	4	3	5	8	7	2	1
46	2	7	1	4	9	6	8	3	5
6	5	3	8	7	1	2	4	6	9

30052017 - Hns - 2\* - 1684

	B	B	D	C	B	D			
		B		C		D	A		
C		C	D	A	B				B
B	B		C		A		D		D
	A	D				B	C		
C	C	A		D			B		
D	D		B		C	A			A
A			A	B	D	C			C
	D	A	A		D		B		

31052017 - RS - 3\* - 1685

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

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**puzzle names**

date (ddmmyyyy) - author - difficulty level - wcpn puzzle ID



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