WCPN puzzle archive - January 2018

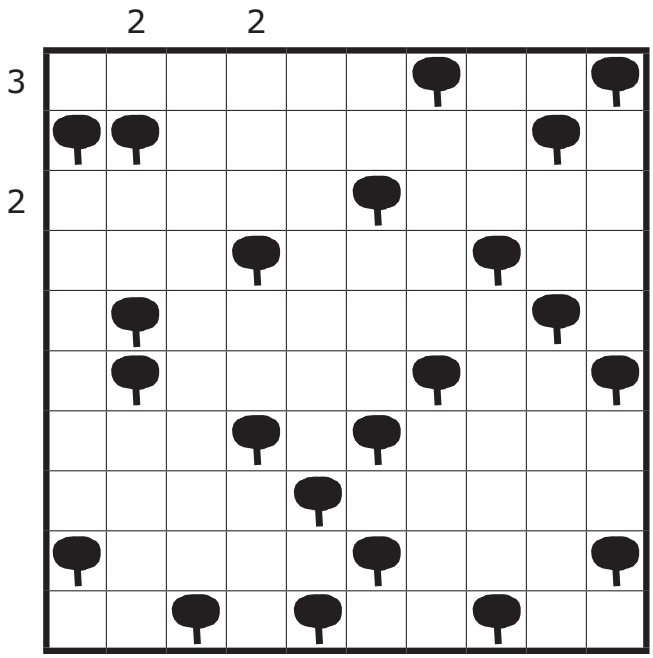
These are all the puzzles that are published on wcpn.nl in January 2018, including solutions, puzzle designers and difficulty level.

World Class Puzzles
from The Netherlands

TENTS

01012018 - Hns - 3* - 1838

Attach a tent to each tree, in a horizontally or vertically adjacent cell. Cells with tents do not touch each other, not even diagonally. Numbers outside the grid indicate the number of tents in that row or column.



SUDOKU - renban

02012018 - RS - 3* - 1839

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

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

World Class Puzzles
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TAPA

03012018 - RS - 3* - 1840

Grid cells must be filled in so that all the black cells form one contiguous region, not counting squares touching at a corner to be adjacent, but it is not allowed to have a two by two square of black cells. Clue cells with numbers may not be filled in and tell the length of each consecutive black cell block in the eight surrounding cells. Two cell blocks clued by two different numbers must be separated by at least one white cell.

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

SUDOKU - queens

04012018 - WZ - 2* - 1841

Standard sudoku rules apply. All digits 9 in the grid are considered to be chess queens. Two queens cannot be placed along the same diagonal of any length.

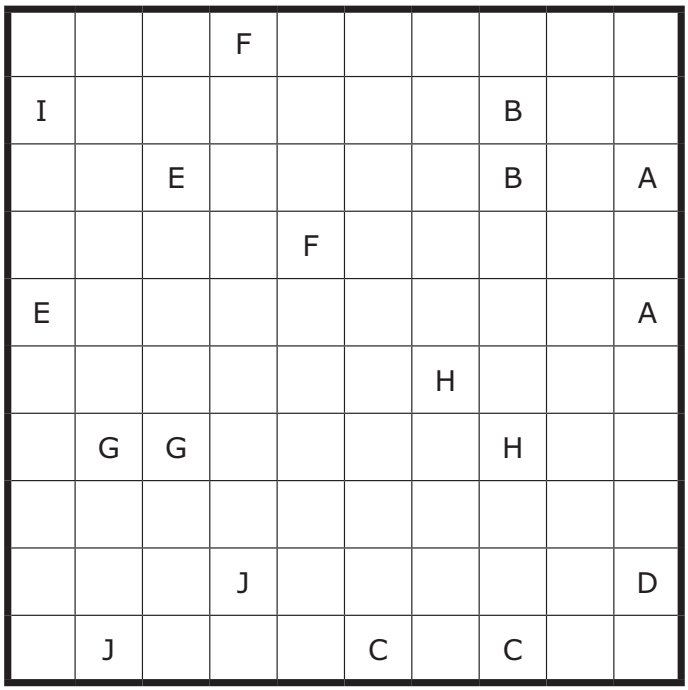
		9		3		4	7	
5						2		
8	6			1				
			1		2		6	
3				6				5
	2		3		8			
				8			5	4
		8						1
	5	1		7		3		

World Class Puzzles
from The Netherlands

DOMINION

05012018 - Hns - 4* - 1842

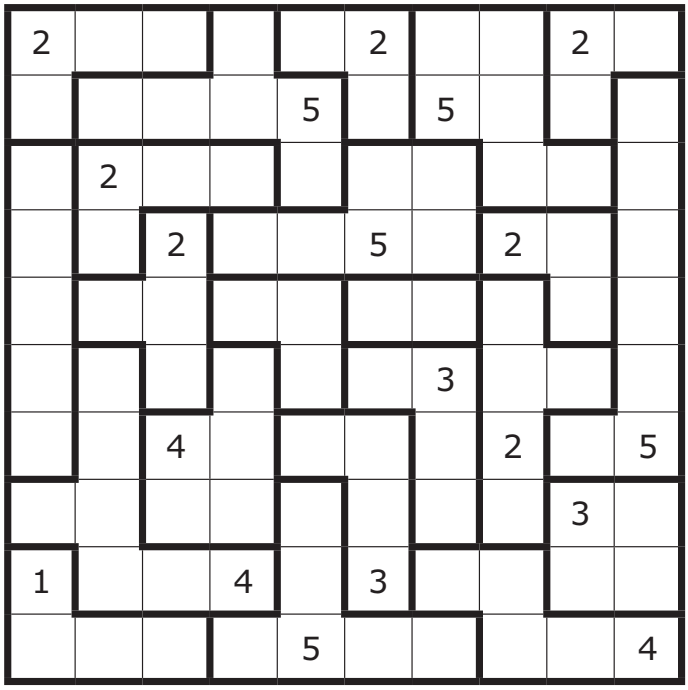
Place some dominoes (1x2 black cells) in the grid, in order to divide the grid into some regions of adjacent squares. Dominoes cannot overlap or touch each other from the sides. It is also not possible to cover a letter with a domino. Same letters belong to the same region, different letters belong to a different region. All regions contain one or more letter(s).



NANRO

08012018 - RS - 2* - 1843

Label some cells with numbers to form a single connected group of labeled cells; no 2×2 group of cells may be fully labeled. Each bold region must contain at least one labeled cell. Each number (including any given numbers) must equal the total count of labeled cells in that region. When two numbers are orthogonally adjacent across a region boundary, the numbers must be different.



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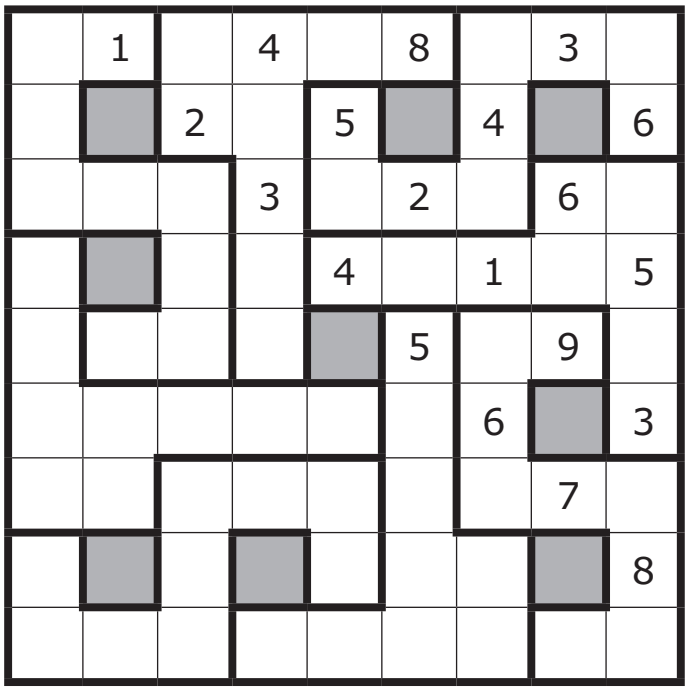
SUDOKU - irregular (scattered)

09012018 - RS - 3* - 1844

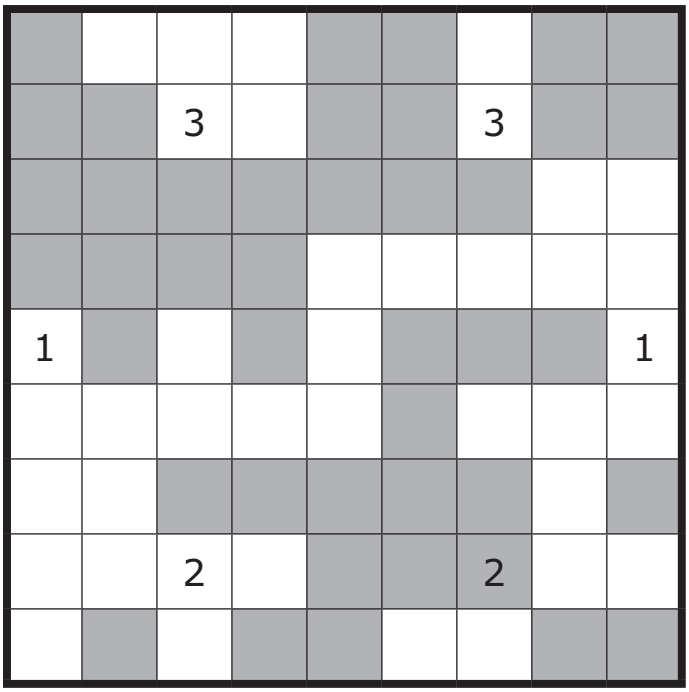
Place the digits 1-9 in each column, each row, all blackened shapes and in the grey cells.



NEIGHBOURS

10012018 - Hns - 4* - 1845

Place digits 1–3 in the grid so that in each row and column, each digit appears three 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.



World Class Puzzles
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SUDOKU - no touch

11012018 - RS - 3* - 1846

Place the digits 1-9 in each column, each row and in all nine 3x3 regions. Equal digits do not touch diagonally.

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

KENDOKU
aka CALCUDOKU, K-DOKU, KENKEN

12012018 - Hns - 5* - 1847

Place digits 1-7 each on every row and column. Each bold-outlined group of cells contains digits which achieve the (specified) result using a mathematical operation: addition (+), subtraction (-), multiplication (×), and division (÷). Unlike Killer Sudoku, digits may repeat within a block.

In this puzzle the used mathematical operations are not specified.

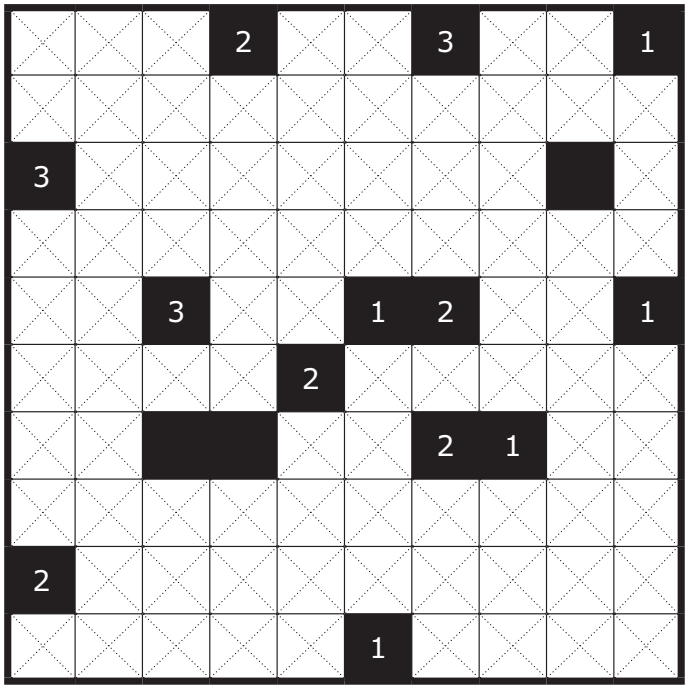
84			2	17	2	15
8	11	2				
			4		105	
48				32		
17		13	7			
						12
		2				

World Class Puzzles
from The Netherlands

SHAKASHAKA

15012018 - Hns - 2* - 1848

Shade in triangles in some cells in a way that the remaining white shapes are all shaped like rectangles. The triangles have to split a cell into two equal shade and unshaded right angle triangles. Numbers in black cells indicate the number of cells sharing an edge with the black cell that are to be shaded by a triangle. Apart from the given black cells, no cell can be shaded completely.



NO FOUR IN A ROW

16012018 - Hns - 4* - 1849

Fill in the grid with ‘X’ or ‘O’ such that four consecutive ‘X’s and ‘O’s do not appear horizontally, vertically or diagonally.

O			O		O	O	O		X
O	O					X		X	X
O				X					
O	X			X					X
X				X			X		
			X					X	
O				X					O
O		X	X			X		X	
O			X	X	X		O	X	

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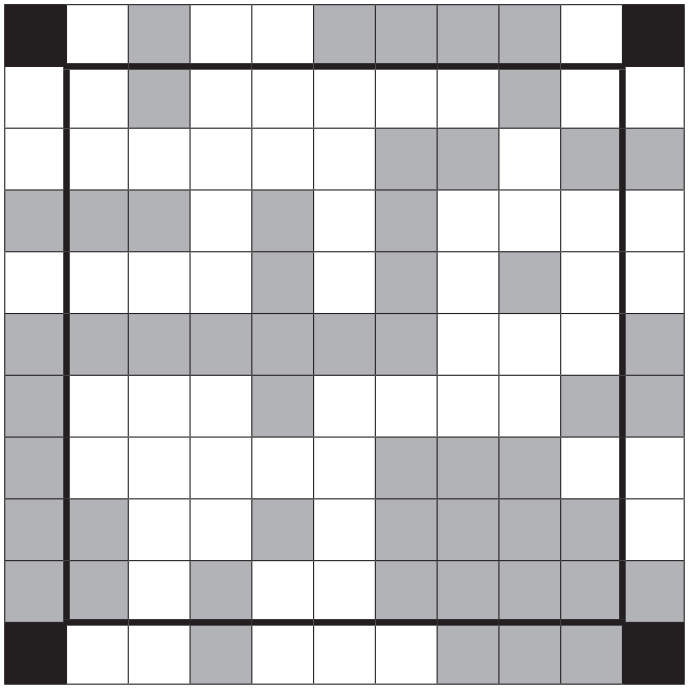
SKYSCRAPERS - neighbours

Place digits 1–3 in the grid so that in each row and column, each digit appears three times in the bold outlined 9x9-box. 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.
Also, the digits in the bold outlined 9×9 box each represent skyscrapers of their respective heights. The digits outside the grid indicate how many skyscrapers can be seen in the respective row or column from the respective direction. (A skyscraper hides all skyscrapers behind it that are of equal or lower height.)

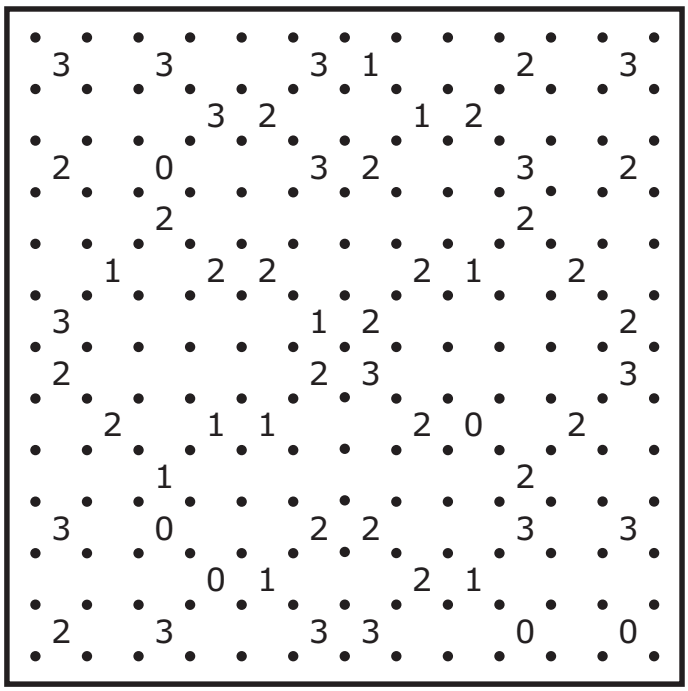
17012018 - RS - 4* - 1850

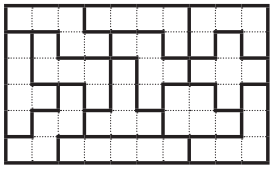


MINI PENTOMINO LOOPS

18012018 - RS - 3* - 1851

Draw twelve loops that only consist of horizontal and vertical segments between the dots. The loops may not touch each other or intersect themselves, and they must be in the shapes of twelve different pentominoes.
Each pentomino shape is used exactly once, but can be rotated or reflected. A number inside a cell indicates how many of the edges of that cell are part of any loop (that is, part of an edge of a pentomino).





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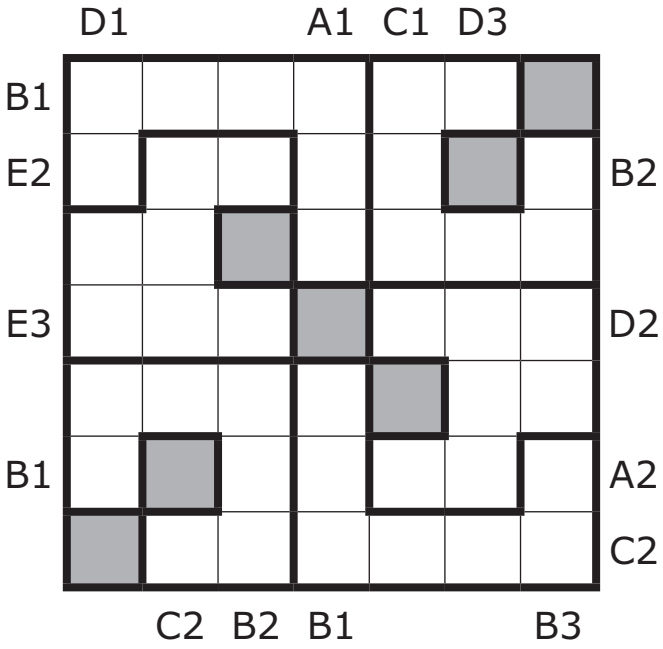
EASY AS ABCDE - chaos

19012018 - RS - 4* - 1852

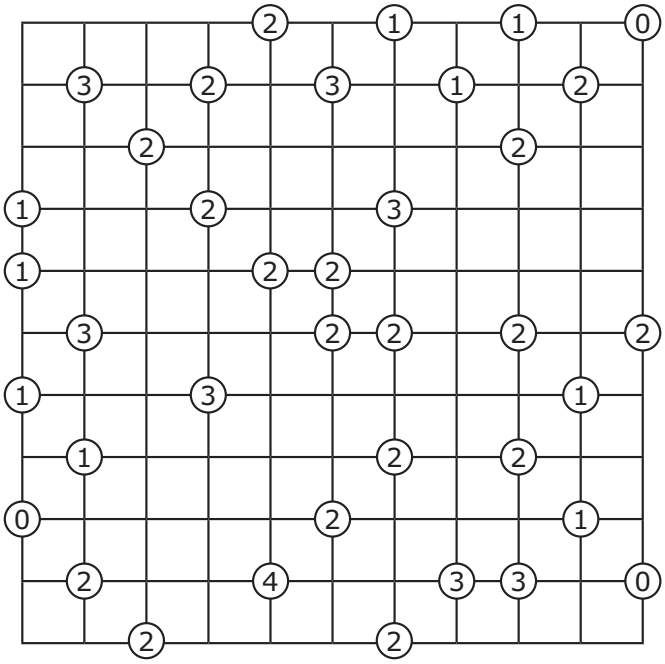
Fill in the grid with letters ABCDE so that each row, column, bold outlined region and the grey cells contains each letter exactly once. Some cells remain empty. Letters outside the grid indicate the letter and the relative position of that letter in that row or column from that direction.



CREEK

22012018 - Hns - 4* - 1853

The digits in the circles indicate how many of the adjacent cells must be coloured. All remaining white cells are connected horizontally or vertically.



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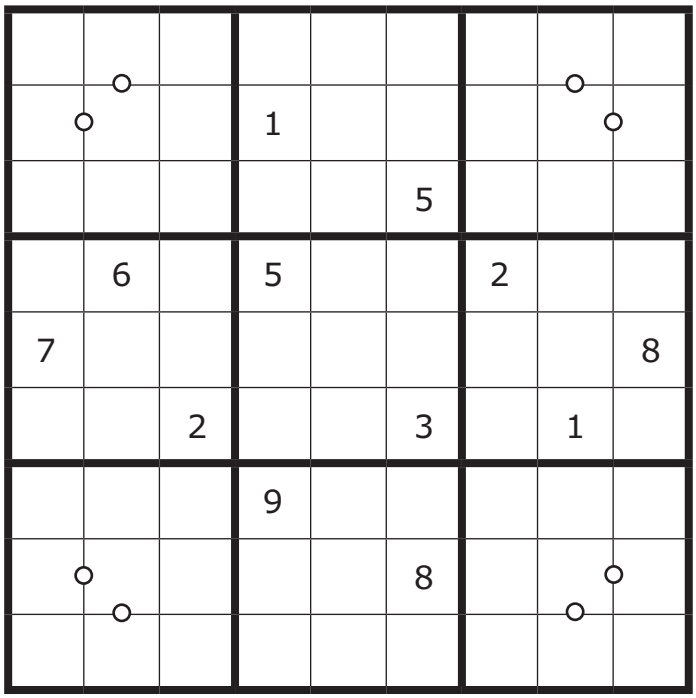
SUDOKU - consecutive

23012018 - RS - 3* - 1854

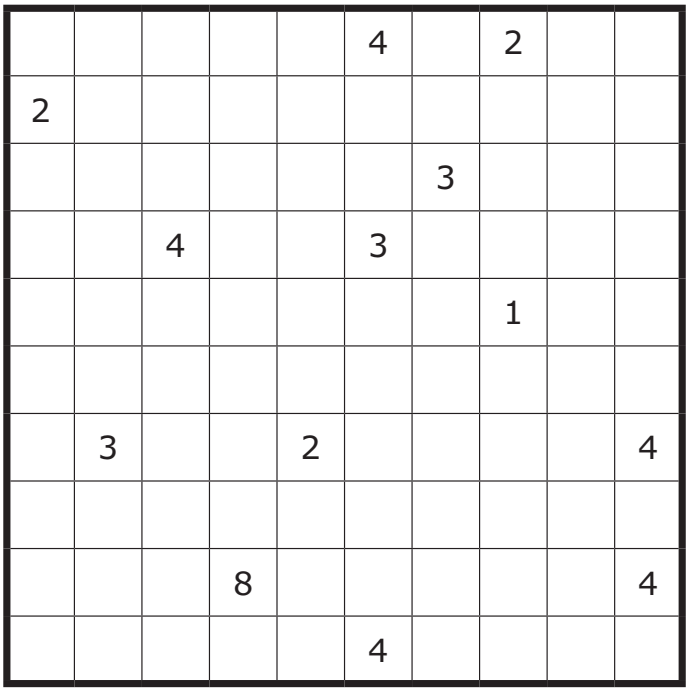
Place the digits 1-9 in each column, each row and in all 3x3 regions. All the places where consecutive numbers have to be filled in are marked with a circle.



MOCHIKORO

24012018 - Hns - 4* - 1855

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.



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SUDOKU - between 1 and 9

25012018 - RS - 4* - 1856

Place the digits 1-9 in each column, each row and in all 3x3 regions. Clues outside the grid indicate the sum of the digit(s) placed between 1 and 9 in the corresponding row or column. (A zero outside the grid means that 1 and 9 are placed next to each other or right above each other.)

	6	33	13	8	8	35	25	11	12
13									
14		1		3					
19									
24		5		7					
19									
16						2		4	
20									
10						6		8	
20									

TAPA

26012018 - Hns - 3* - 1857

Kleur vakjes zwart zodat alle zwarte vakjes met elkaar verbonden zijn en een ononderbroken muur vormen. Een cijfer in een vakje geeft de lengte aan van de muur in de aangrenzende vakjes. Als er meer cijfers in een vakje staan moet er minstens één wit vakje tussen de delen van de muur staan. De vakjes met cijfers maken geen deel uit van de muur, en nergens ontstaat een stuk muur van 2x2 vakjes.

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

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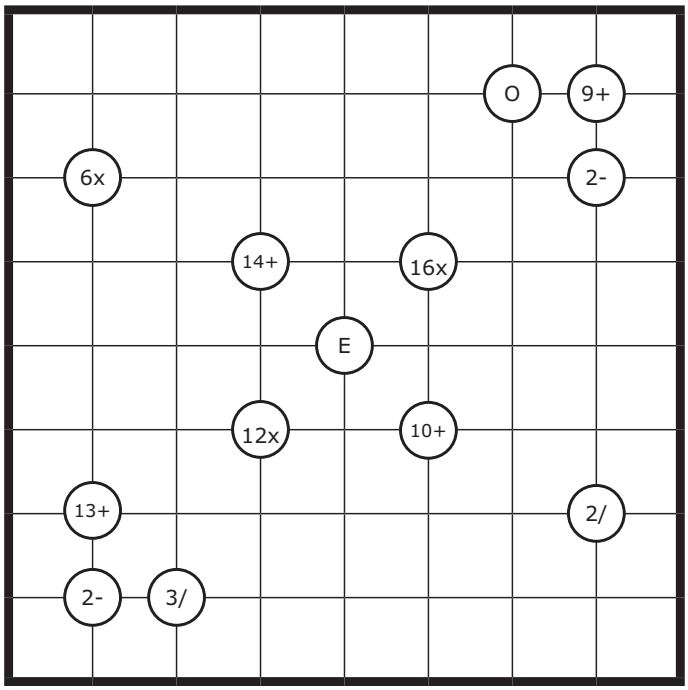
MATHRAX

29012018 - RS - 3* - 1858

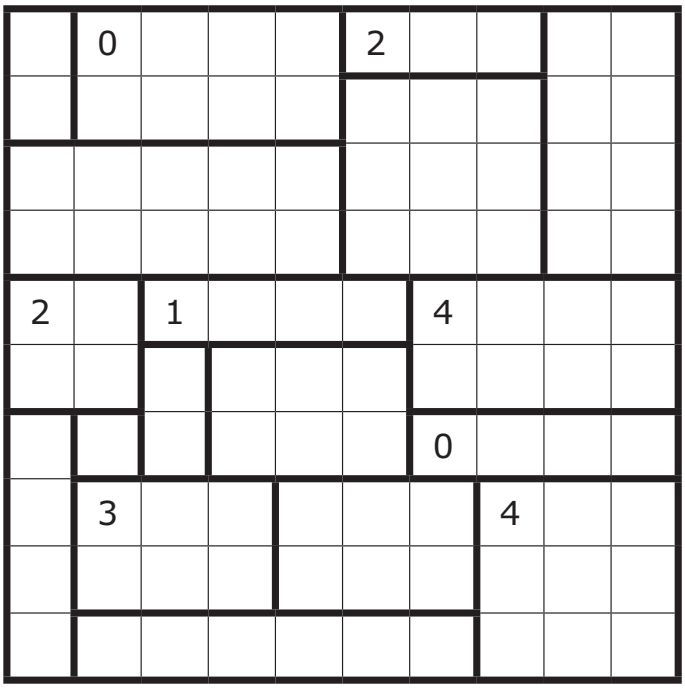
Fill in the numbers 1-8 on each row and column. On some intersections you find hints. E means that in all four squares the number is even, and O means that all four numbers are odd. A number and a sign (+, -, x, /) means that that is the result of the two paired diagonally adjacent squares.



HEYAWAKE

30012018 - Hns - 3* - 1859

Blacken some fields of the grid, so that black fields don't touch each other. All white fields remain orthogonally connected. A hint inside a region gives the number of black fields in that region. Hints may be blackened, but still hold. No horizontal or vertical sequence of white fields may span more than two regions.



World Class Puzzles
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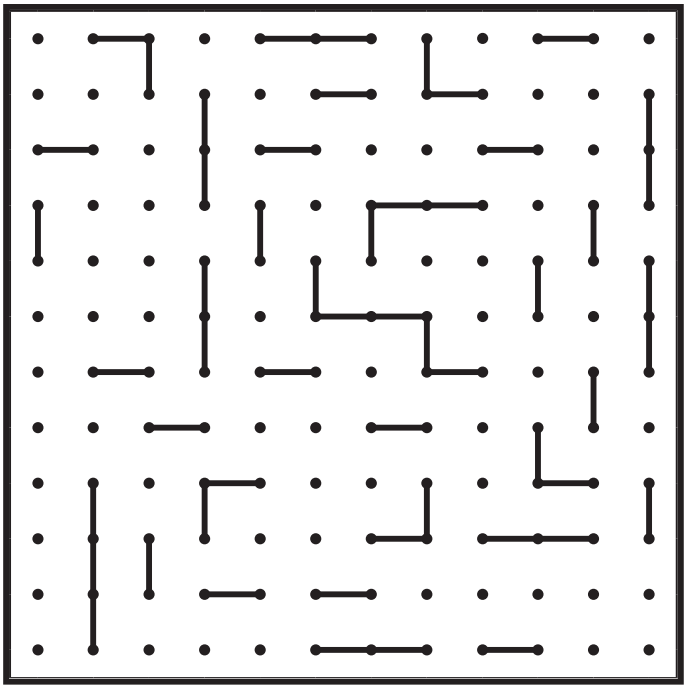
GRAND TOUR

31012018 - Hns - 4* - 1860

Connect all the points horizontally or vertically to form a single continuous loop. Some pieces of the loop are given.



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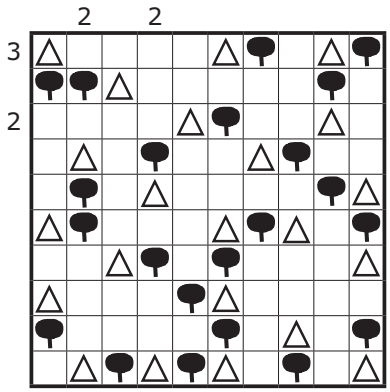
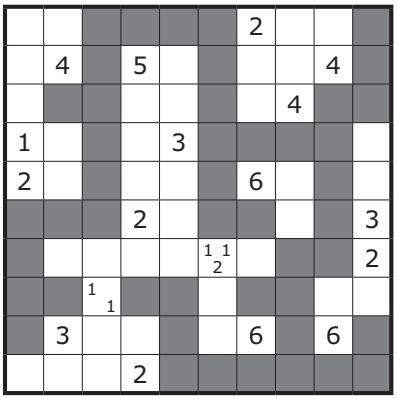
01012018 - Hns - 3* - 1838



02012018 - RS - 3* - 1839

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

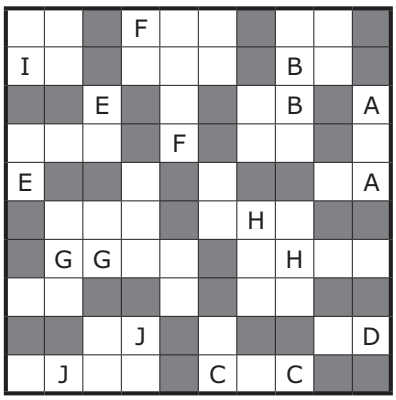
03012018 - RS - 3* - 1840



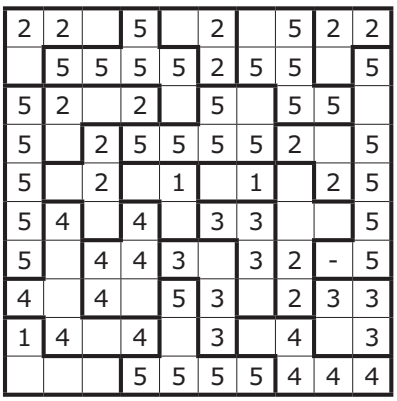
04012018 - WZ - 2* - 1841

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

05012018 - Hns - 4* - 1842



08012018 - RS - 2* - 1843



09012018 - RS - 3* - 1844

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

10012018 - Hns - 4* - 1845

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

11012018 - RS - 3* - 1846

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

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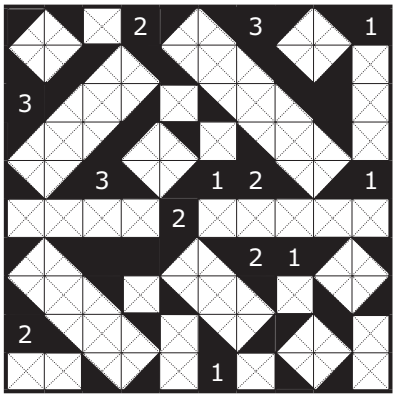
World Class Puzzles
from The Netherlands

12012018 - Hns - 5* - 1847

84 7	2	6	2 3	17 4	2 1	15 5
8 5	11 4	2 1	6	7	2	3
3	7	2	4 4	6	105 5	1
48 2	6	4	1	32 5	3	7
17 6	5	13 3	7 2	1	7	4
1	3	7	5	2	4	12 6
4	1	2 5	7	3	6	2

15012018 - Hns - 2* - 1848



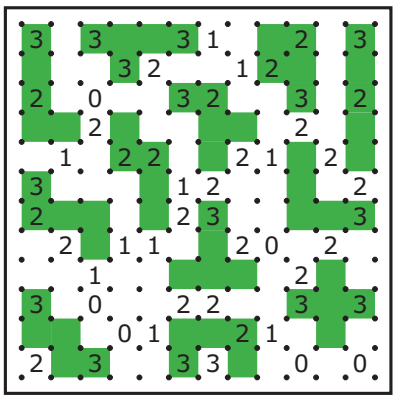
16012018 - Hns - 4* - 1849

O	O	X	O	X	O	O	O	X	X
O	O	X	O	X	X	X	O	X	X
X	O	X	X	O	O	X	X	X	O
O	X	O	O	X	X	O	O	O	X
O	X	O	X	X	O	O	X	O	X
X	X	O	O	X	X	O	X	O	X
X	O	X	X	O	O	X	X	X	O
O	O	X	O	X	X	X	O	O	O
O	O	X	X	O	O	X	X	X	O
O	X	O	X	X	X	O	O	X	X

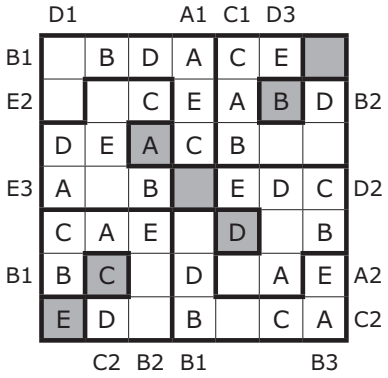
17012018 - RS - 4* - 1850

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

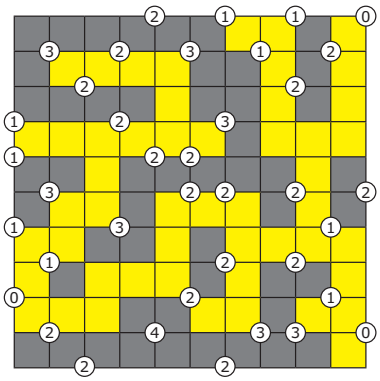
18012018 - RS - 3* - 1851



19012018 - RS - 4* - 1852



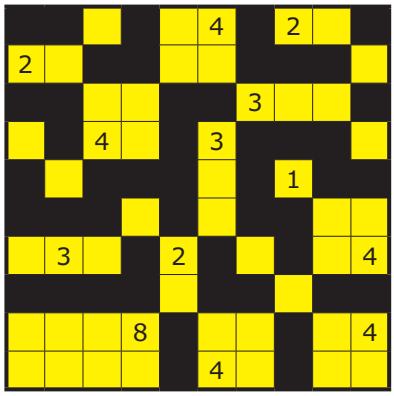
22012018 - Hns - 4* - 1853



23012018 - RS - 3* - 1854

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

24012018 - Hns - 4* - 1855

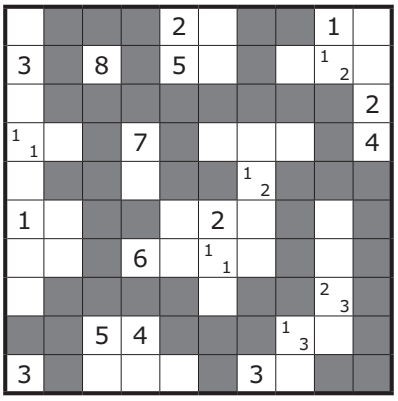


World Class Puzzles
from The Netherlands

25012018 - RS - 4* - 1856

	6	33	13	8	8	35	25	11	12
13	7	2	3	4	6	9	8	5	1
14	8	1	4	3	2	5	9	6	7
19	9	6	5	8	1	7	4	2	3
24	4	5	9	7	3	8	6	1	2
19	2	8	6	1	5	4	3	7	9
16	1	3	7	6	9	2	5	4	8
20	5	4	1	2	8	3	7	9	6
10	3	7	2	9	4	6	1	8	5
20	6	9	8	5	7	1	2	3	4

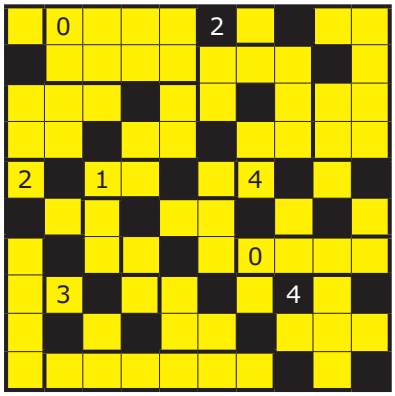
26012018 - Hns - 3* - 1857



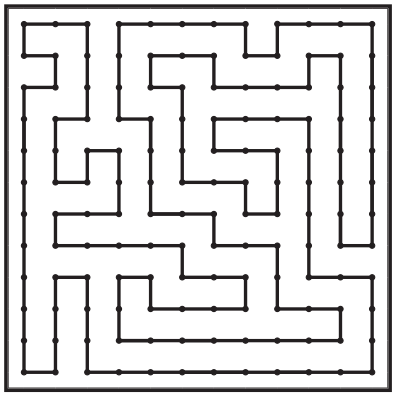
29012018 - RS - 3* - 1858

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

30012018 - Hns - 3* - 1859



31012018 - Hns - 4* - 1860



puzzle authors
RS - Richard Stolk
BdL - Bram de Laat
WZ - Wilbert Zwart
AB - Arvid Baars
Hns - Hns Eendebak

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

www.wcpn.nl

info@wcpn.nl