World Class Puzzles
from The Netherlands

Name

Number

WCPN Dutch Puzzle Championships 2017

Saturday June 17th, 2017

Part II - Miscellaneous

60 minutes

	puzzle	points			
1	Tapa	90			
2	Yajilin - four directions	110			
3	Dominion	75			
4	All or one	45			
5	Domino	35			
6	Pentomino - touching	30			
7	Japanese square plus	120			
8	Troika	85			
9	Renban	50			
10	Creek	60			
		700			

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Part II - Miscellaneous

1 TAPA

Grid cells must be filled in so that all the black cells form one contiguous region, not counting cells 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.

Some numbers are replaced by question marks; the position of the question mark is not important. A question mark never replaces a zero.

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

90 points

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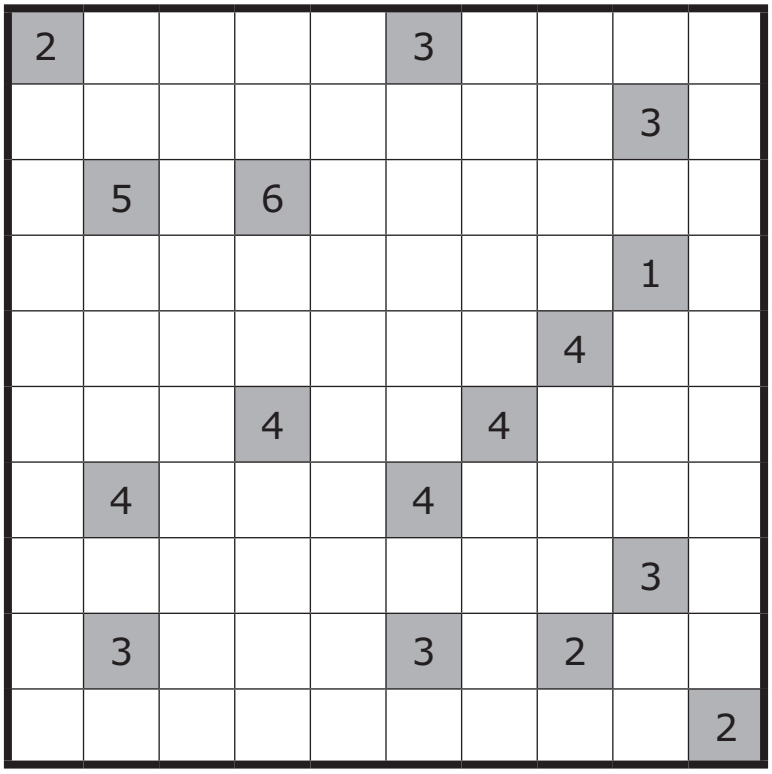
Part II - Miscellaneous

2 Yajilin - four directions

Paint some cells black. Numbered cells indicate the amount of blackened cells in the corresponding row and column. Black cells cannot touch each other from the sides but they may touch diagonally, and all remaining white cells not occupied by a number or not blackened should be traversed by a single closed loop. That loop connects the centers of adjacent cells and doesn't cross itself.



110 points

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Part II - Miscellaneous

3 DOMINION

Place some dominoes (1x2 black cells) in the grid, in order to divide the grid into regions of adjacent cells. 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).

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

75 points

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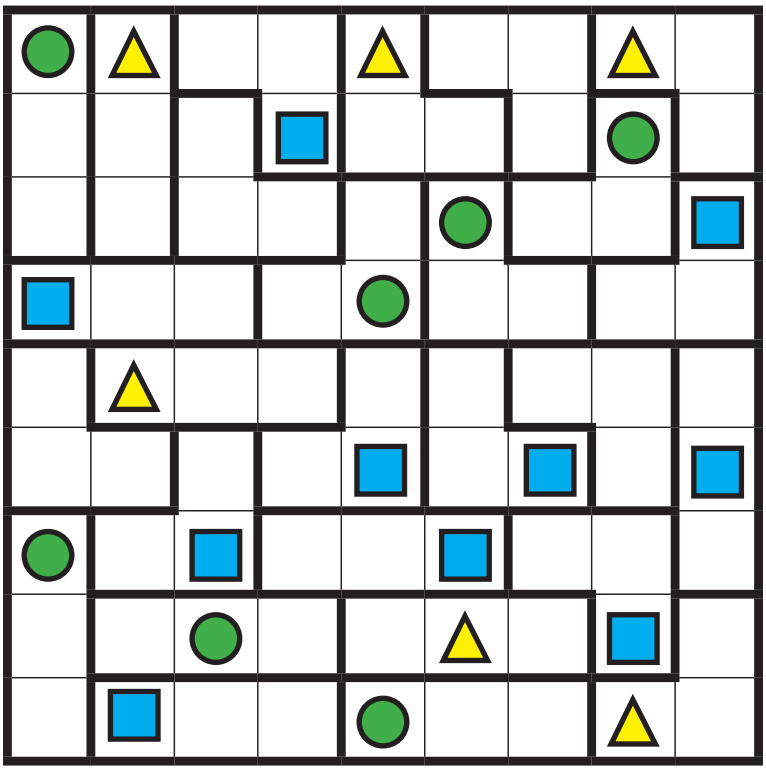
Part II - Miscellaneous

4 ALL OR ONE

Place a circle, triangle or square in each cell. Regions of three cells, indicated by the thick lines, contain either three same symbols or three different symbols. Symbols in adjacent cells in different regions are different.



45 points

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Part II - Miscellaneous

5 DOMINO

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.

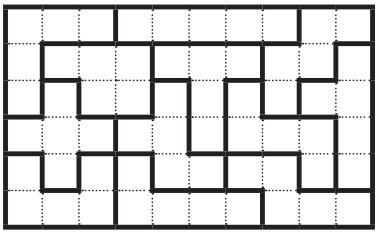
00
01 11
02 12 22
03 13 23 33
04 14 24 34 44
05 15 25 35 45 55
06 16 26 36 46 56 66

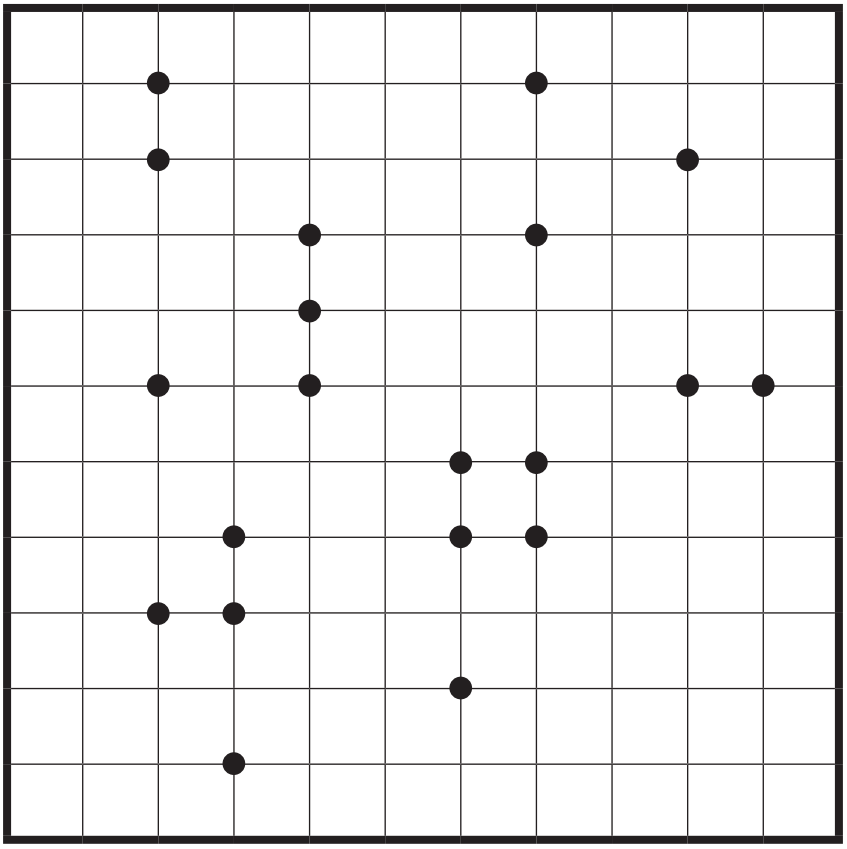
2	2	0	0	0	5	6	4
1	0	2	6	4	6	3	1
3	5	4	6	3	3	2	6
6	0	0	6	1	4	4	5
5	4	3	5	4	2	0	6
1	1	1	2	5	5	1	1
5	4	3	3	2	2	0	3

35 points

6 PENTOMINO - TOUCHING

Place all twelve pentominos (as shown) in the grid. The shapes can be mirrored and reflected, but they can only touch diagonally. All points where two pentominos touch are indicated by a black dot.





30 points

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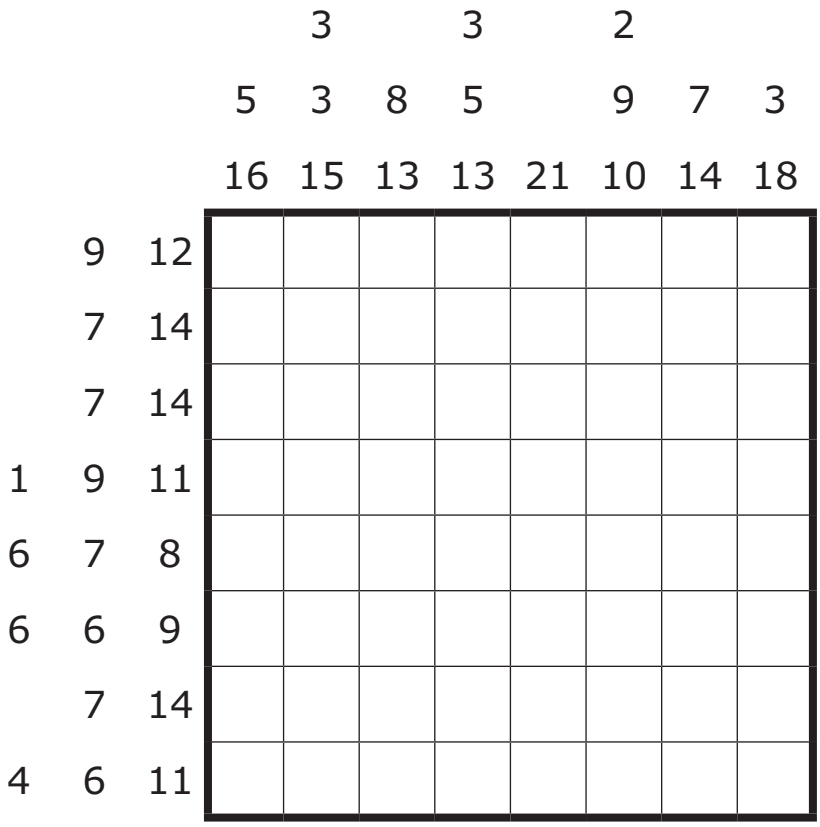
Part II - Miscellaneous

7 JAPANESE SQUARE PLUS

Place digits 1–6 into each column and on each row exactly once. Numbers outside the grid indicate the sums of blocks of digits in that row or column. These sums are placed in increasing order, not necessary in the order of the solution. Blocks have to be separated by at least one empty cell.



120 points

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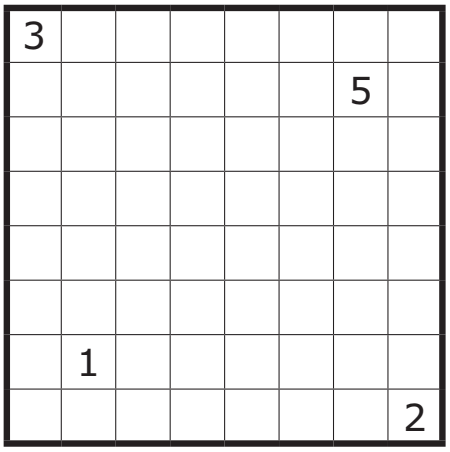
Part II - Miscellaneous

8 TROIKA

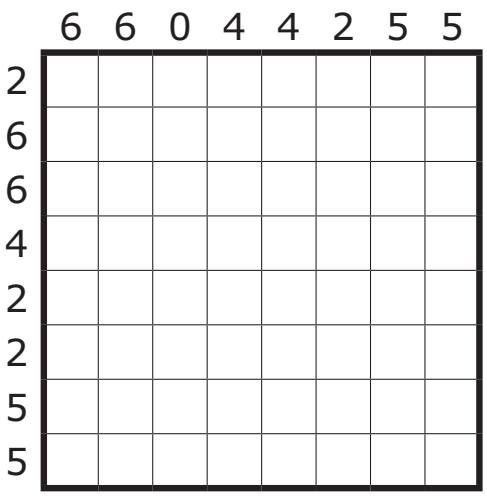
All three puzzles can have multiple solutions, but when overlaying the correct solutions (without rotation or reflection), all cells are coloured at least once.

Specific puzzle-instructions see Instruction Booklet.

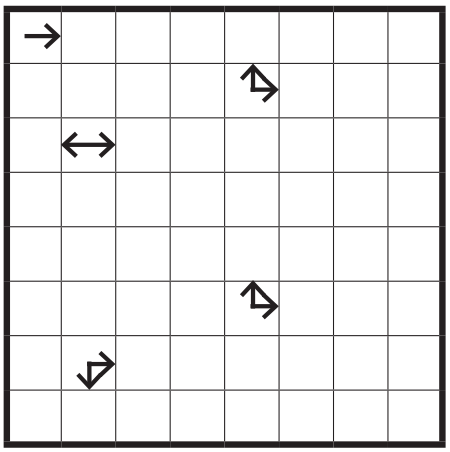
BOSNIAN ROAD



CLOUDS



PENTOPIA



85 points

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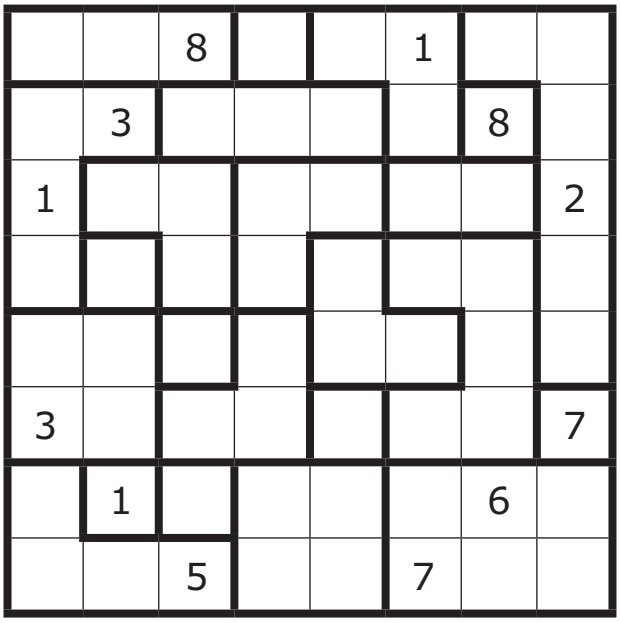
Part II - Miscellaneous

9 RENBAN

Place the digits 1-8 on each row and in each column. Digits in black edged regions are consecutive.



50 points

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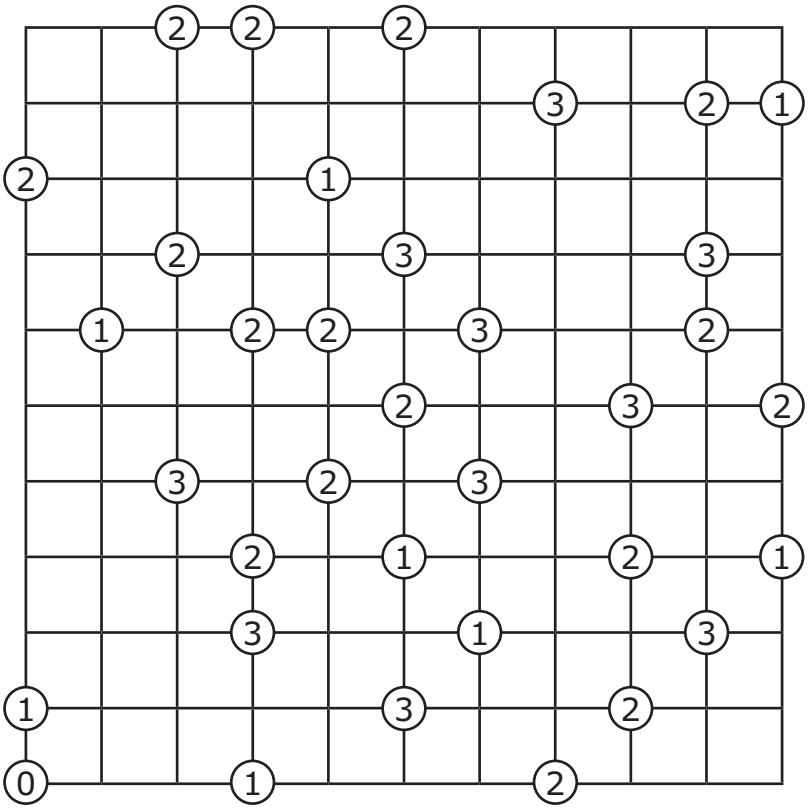
Part II - Miscellaneous

10 CREEK

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



60 points

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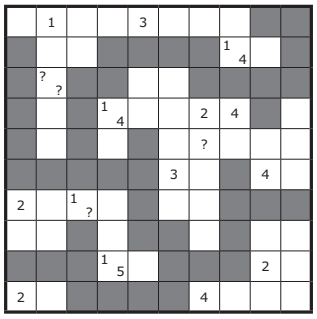
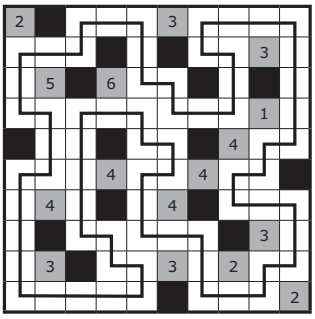
Part II - Miscellaneous - solutions

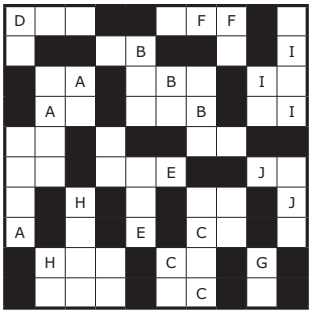
1 TAPA



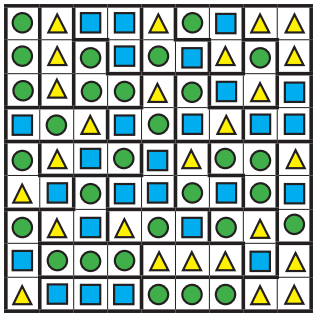
2 YAJILIN



3 DOMINION



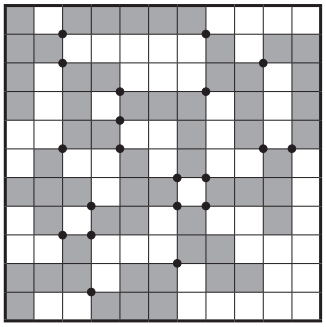
4 ALL OR ONE



5 DOMINO

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

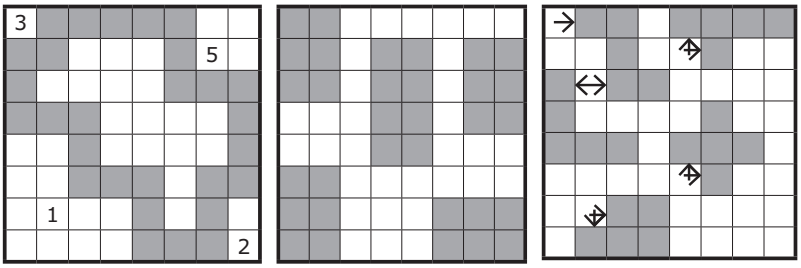
6 PENTOMINO



7 JAPANESE SQUARE

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

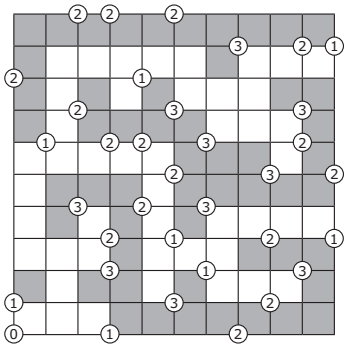
8 TROIKA



9 RENBAN

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

10 CREEK



Puzzle design:
Hns Eendebak