



Name

Number

## WCPN Dutch Sudoku Championships 2018

Saturday June 9th, 2018

Part II - Miscellaneous

60 minutes

<b>puzzle</b>	<b>points</b>			
1 Between 1 and 9	50	<input type="text"/>	<input type="text"/>	<input type="text"/>
2 XV	45	<input type="text"/>	<input type="text"/>	<input type="text"/>
3 Even sandwich	90	<input type="text"/>	<input type="text"/>	<input type="text"/>
4 Greater than consecutive	75	<input type="text"/>	<input type="text"/>	<input type="text"/>
5 Scattered	45	<input type="text"/>	<input type="text"/>	<input type="text"/>
6 All odd or even	50	<input type="text"/>	<input type="text"/>	<input type="text"/>
7 Diagonal	80	<input type="text"/>	<input type="text"/>	<input type="text"/>
8 Windoku	65	<input type="text"/>	<input type="text"/>	<input type="text"/>
9 Max Ascending	100	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<b>600</b>	<input type="text"/>		

**ORTEC**  
OPTIMIZE YOUR WORLD

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## Part II - Miscellaneous

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### 1 SUDOKU - Between 1 and 9

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 the digits 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.)

	10	0	21	17	9	9	12	4	16
6									
23									
16				1	2	3			
10						4			
18				7	6	5			
4				8					
11				9	8	7			
0									
10									

50  
points

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## Part II - Miscellaneous

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### 2 SUDOKU - XV

Standard sudoku rules apply. X markers show **all** adjacent pairs of cells where the two values in those cells add to 10, while V markers show **all** pairs where the two values sum to 5.

								X
								V
			5	6	1			X
		V	1		8			X
			6		7			
			9		2			
			2	7	5	V		
	X							
	X							
V	X							

45  
points

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## Part II - Miscellaneous

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### 3 SUDOKU - Even sandwich

Place the digits 1-9 in each column, each row and in all 3x3 regions.  
Clues outside the grid show **all** the digits that have even digits as neighbours on both sides in the corresponding row or column.

1  
3

9 9 - 7 - 5 9 6 1

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

90  
points

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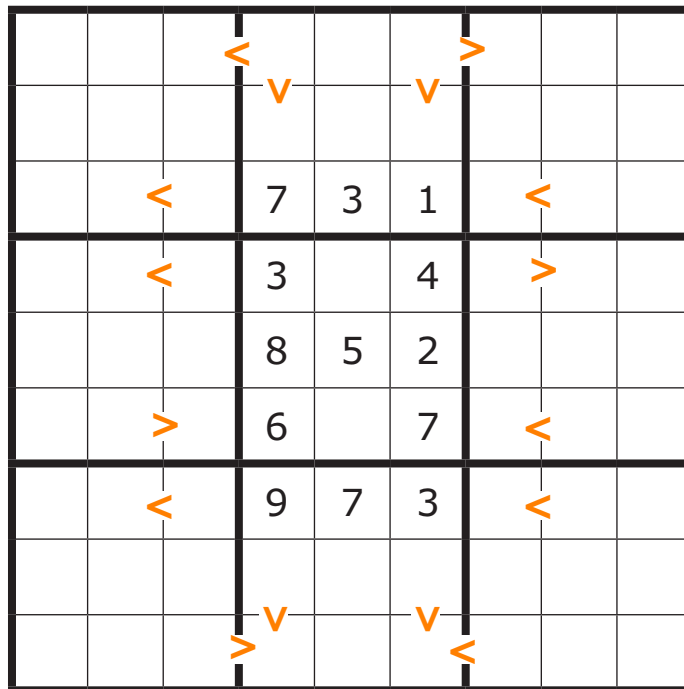
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## Part II - Miscellaneous

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### 4 SUDOKU - Greater than consecutive

Standard sudoku rules apply. In **all** cases where the difference between two neighbouring digits is 1, there is a greater or less sign between those digits. Digits must be placed in accordance with the signs.



75  
points

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## Part II - Miscellaneous

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### 5 SUDOKU - Scattered

Place the digits 1-7 in each column, each row, each bold outlined region and in the grey cells.

1			5			
		4				
	3		1			
2		6				
					6	
				2		

45  
points

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## Part II - Miscellaneous

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### 6 SUDOKU - All odd or even

Place the digits 1-9 in each column, each row and in all nine 3x3 regions.  
The grey cells in each 3x3 region contain either all odd or all even digits.

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

50  
points

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## Part II - Miscellaneous

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### 7 SUDOKU - Diagonal

Place the digits 1-9 in each column, each row, in all nine 3x3 regions and on the two main diagonals.

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

80  
points

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## Part II - Miscellaneous

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### 8 SUDOKU - Windoku

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

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

65  
points

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## Part II - Miscellaneous

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### 9 SUDOKU - Max Ascending

Place the digits 1-9 in each column, each row and in all nine 3x3 regions. Clues outside the grid indicate the length of the longest connected serie(s) of ascending digits in the corresponding direction.

		1	3							
		5	7							
				9						
					2	4				
					6	8				

Clues: Top (3, 4, 4, 5, 3), Left (3, 4), Right (6, 3), Bottom (6, 3, 2, 5, 4)

Puzzle design:  
Richard Stolk

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100  
points

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## Part II - Miscellaneous - Solutions

1 Between 1 and 9

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

2 XV

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

3 Even sandwich

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

4 Greater than consecutive

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

5 Scattered

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

6 All odd or even

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

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## Part II - Miscellaneous - Solutions

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### 7 Diagonal

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

### 8 Windoku

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

### 9 Max Ascending

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

Puzzle design:  
Richard Stolk

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