



WCPN Dutch Sudoku Championships 2016

Sunday April 10th 13.00-14.30

Twelve puzzles: try to score as many points as you can. All puzzles have a solution code, and next to all puzzles the amount of points is mentioned. If you leave a code field empty, no points are rewarded. If the code is wrong, you'll get 25 penalty points.

This is an open championship, so everyone is invited to take part. For the official ranking (and a place in the team for the WSC) you have to be WCPN member and have the Dutch nationality. Besides, you have to be available October 16th to 23rd 2016. Finally all team members have to pay the costs themselves.

It is not allowed to work in teams or use any devices. Results will be published on Wednesday April 13th.

	Puzzle	Points
1	Sudoku - classic	30
2	Sudoku - classic	60
3	Sudoku - classic	65
4	Sudoku - consecutive	90
5	Sudoku - X	70
6	Sudoku - chaos	105
7	Sudoku - XV	80
8	Sudoku - arrows	100
9	Sudoku - renban	50
10	Sudoku - windoku	125
11	Sudoku - consecutive clone	100
12	Sudoku - sum to 9	125
		1000

There is always a possibility that the results form doesn't work properly. In that case, make a screenshot and send it to wcpn@ziggo.nl

Results will be published on Wednesday April 13th.

Protest about these results is not possible, but of course you can ask questions.

1 Sudoku - classic

Place the digits 1-9 on each row, in all columns and in the nine 3x3 regions.

Example

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



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

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

30 points

Code: rows 3 and 7.

2 Sudoku - classic

Place the digits 1-9 on each row, in all columns and in the nine 3x3 regions.

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

60 points

Code: rows 1 and 4.

3 Sudoku - classic

Place the digits 1-9 on each row, in all columns and in the nine 3x3 regions.

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

65 points

Code: rows 7 and 9.

4 Sudoku - consecutive

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

Example

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



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

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

90 points

Code: rows 7 and 9.

5 Sudoku - X

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

Example

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



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

→

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

→

70 points

Code: rows 1 and 4.

6 Sudoku - chaos

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

Example

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

→

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

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

105 points

Code: rows 3 and 6.

7 Sudoku - XV

Place the digits 1-9 on each row, in all columns and in the nine 3x3 regions. X markers show **all** adjacent pairs of cells where the two values in those cells add up to 10, while V markers show **all** pairs where the two values sum to 5.

Example

		V						
	1		2	X				
X		3					X	
	4		5				V	
X				X	X		V	
				X		X		
	X		X		3	X		7
	V							
	X				4		6	V
				X				
	X							

→

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

	1		3					X
	2		8					X
		9		X				X
→				X				
					X			
→				X				
	X				X	9		5
	X					7		3
	X						1	

80 points

Code: rows 4 and 6.

8 Sudoku - arrows

Place the digits 1-9 on each row, in all columns and in the nine 3x3 regions. The digits in the arrow points are the sum of the digits in the arrow. In an arrow equal digits are allowed.

Example

←		6	↖				8	↗
	4					7	←	
↖			3	←				
				7	↗			
							1	
↗		7						5
	1					3	↗	

→

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

	1		7					
→			9					
	6		←					7
	9		↗	5			6	
						5		
→					4			
				3				9
			2				8	
		1				7		2

100 points

Code: rows 2 and 6.

9 Sudoku - renban

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

Example

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



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

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

50 points

Code: rows 6 and 9.

10 Sudoku - windoku

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

Example

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



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

→

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

→

125 points

Code: rows 1 and 9.

11 Sudoku - consecutive clone

Place the digits 1-9 on each row, in all columns and in the nine 3x3 regions. Digits in the same place in both grey figures (without rotating) have to be consecutive.

Example

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



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

→

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

100 points

Code: rows 1 and 5.

12 Sudoku - sum to 9

Place the digits 1-9 on each row, in all columns and in the nine 3x3 regions. Clues outside the grid indicate the sum of all direct neighbour(s) of the 9 in the respective row or column.

Example

	6	7	12	8	15	12	9	10	8
3	1								
4		2							
10			3						
5				4					
3					5				
10						6			
14							7		
15								8	
3									



	6	7	12	8	15	12	9	10	8
3	1	8	6	2	7	5	4	3	9
4	4	2	5	1	9	3	6	7	8
10	7	9	3	6	8	4	5	2	1
5	8	5	1	4	2	9	3	6	7
3	3	6	4	7	5	8	1	9	2
10	2	7	9	3	1	6	8	4	5
14	5	4	8	9	6	2	7	1	3
15	6	1	2	5	3	7	9	8	4
3	9	3	7	8	4	1	2	5	6

	5	2	3	4	9	9	11	1	6
6									
4									
12			1						
10				2					
→ 11									
6									
11									
14									
→ 4									

125 points

Code: rows 5 and 9.

Solutions

1 Sudoku - classic

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

2 Sudoku - classic

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

3 Sudoku - classic

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

4 Sudoku - consecutive

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

5 Sudoku - X

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

6 Sudoku - chaos

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



Solutions

7 Sudoku - XV

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

8 Sudoku - arrows

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

9 Sudoku - renban

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

10 Sudoku - windoku

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

11 Sudoku - consecutive clone

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

12 Sudoku - sum to 9

	5	2	3	4	9	9	11	1	6
6	3	5	8	7	6	1	4	9	2
4	9	4	6	5	2	3	7	1	8
12	2	7	1	4	9	8	3	5	6
10	6	8	9	2	7	5	1	4	3
11	4	1	2	6	3	9	8	7	5
6	7	3	5	1	8	4	2	6	9
11	8	6	7	9	4	2	5	3	1
14	5	2	4	3	1	6	9	8	7
4	1	9	3	8	5	7	6	2	4

