



Explanation Sudokus with four numbers (1,2,3 and 4).

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

At this Sudoku variant only the numbers 1, 2, 3 and 4 are used.

In each row and column the numbers one to four are found twice

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

In then 12 by 12 variant the numbers are found three times in each row and column. The 16 by 16 variant gives four equal numbers at each row and column.

In the sixteen grey and white blocks the numbers 1 to 4 appears once.

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



The Blocks with the black borders have the same rule.

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

Equal number cannot be placed beside or under and above each other.

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

Example of the 12 by 12 variant:

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



Example of the 16 by 16 variant:

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