

Extra Region Sudoku

8 points

Apply Classic Sudoku rules

Each extra region must contain digits from 1-9.



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

Sudoku XV

5 points

Apply Classic Sudoku rules.

All adjacent cells with two digits summing to 5 are marked by V, while those summing to 10 are marked by X. All possible X and V are marked.



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

Irregular Sudoku

5 points

Every digit from 1 through 7 has to appear exactly once in every row, every column, and outlined regions. Each outlined region has 7 cells and is marked by thick borders.

Frame Sudoku

12 points

Apply Classic Sudoku rules.

Numbers outside the grid equal the sum of the first three digits in the row or column in the corresponding direction.

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



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



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



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