

## Trio Sudoku

5 points

Apply Classic Sudoku rules

Some cells will have circles inside and some others will have squares.

Cells with circles must contain the digits 1, 2 and 3.

Cells with squares must contain the 4, 5 and 6.

Blank cells must contain the digits 7, 8 and 9.



<input type="checkbox"/>	<input type="checkbox"/>	○	<input type="checkbox"/>	<input type="checkbox"/>	○	<input type="checkbox"/>	<input type="checkbox"/>	①
<input type="checkbox"/>	○	○	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	②	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	○	○	③	<input type="checkbox"/>	<input type="checkbox"/>
○	<input type="checkbox"/>	<input type="checkbox"/>	○	○	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	○	<input type="checkbox"/>	○	5	<input type="checkbox"/>	<input type="checkbox"/>	○	<input type="checkbox"/>
<input type="checkbox"/>	○	<input type="checkbox"/>	6	<input type="checkbox"/>	<input type="checkbox"/>	○	<input type="checkbox"/>	○
○	<input type="checkbox"/>	7	○	○	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
○	8	○	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	○
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	○	○	○	<input type="checkbox"/>

## Diagonal Sudoku

7 points

Every digit from 1 through 9 has to appear exactly once in every row, every column, every diagonal, and every 3X3 box.

The diagonals are marked with lines in the grid.



⋯	1	2	<input type="checkbox"/>	6	<input type="checkbox"/>	4	5	⋯
3	⋯	4	<input type="checkbox"/>	8	<input type="checkbox"/>	6	⋯	7
5	6	⋯	<input type="checkbox"/>	1	<input type="checkbox"/>	⋯	8	9
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	⋯	9	⋯	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	4	3	1	⋯	7	9	2	<input type="checkbox"/>
9	<input type="checkbox"/>	<input type="checkbox"/>	⋯	4	⋯	<input type="checkbox"/>	<input type="checkbox"/>	1
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
⋯	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	⋯

## Extra Region Sudoku

8 points

Apply Classic Sudoku rules.

Each extra region must contain digits from 1-9. The extra regions are of 9 cells each and are shaded with different colors in the grid.



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

## Arrow Sudoku

10 points

Apply Classic Sudoku rules.

The sum of the digits along the path of each arrow must equal the digit in the circled cell. Digits can repeat within an arrow shape.



								1
							2	
						3		
					4			
				5				
			6					
		7						
	8							
9								

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

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

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

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