

1 Classic Sudoku

[23 points]

Place a digit from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each digit exactly once.

1A →

1B →

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

2 Classic Sudoku

[25 points]

Place a digit from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each digit exactly once.

2A →

2B →

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

3 Classic Sudoku

[28 points]

Place a digit from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each digit exactly once.

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

4 Classic Sudoku

[50 points]

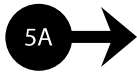
Place a digit from 1-9 in each empty cell in the grid such that each row, column and marked 3x3 box contains each digit exactly once.

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

5 Parity Sudoku

[27 points]

Apply classic sudoku rules.
All digits placed in the cells
belonging to the same line
must be of the same parity.



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

6 Kropki Sudoku

[29 points]

Apply classic sudoku rules.
Adjacent cells containing
digits whose difference is 1
are marked with a white
circle. Adjacent cells
containing digits whose ratio
is 2 are marked with a
black circle. A circle between
a 1 and a 2 can be either
white or black. Adjacent
cells with no marking must
not contain digits either
whose difference is 1 or
whose ratio is 2.



		○		●				
○	●			○	○	●		
●			○	○			○	○
○			○	○				○
	○				○	○	○	
	○		○	○	○	○	○	
		○		○	○	○		

7 Coded Clone Sudoku
[49 points]

Apply classic sudoku rules. Two cages with a dashed border are marked by the same letter if they contain the same set of digits. For each cage marked with the same letter digits in the same place must be identical. Digits may repeat in a cage.

7A →

A		B		C			D	
	E		F			G		
					A			
C	G		D			B		F
					E			
	7	3				6	1	
3	2		1		8	9		6
8		1	6		2		7	5
	9	6				1	8	

7B →

8 Arrow Thermo Sudoku
[51 points]

Apply classic sudoku rules. Each digit placed in a cell with a circle must be the sum of the digits placed in the cells that the adjoining arrow passes through. Digits may repeat on arrows. Starting at the "bulb", digits placed along each marked thermometer must form a strictly increasing sequence.

8A →

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

8B →

9 Extra Regions Sudoku

[54 points]

Apply classic sudoku rules. Each of the shaded regions must also contain each digit from 1-9 exactly once.

Note: Extra regions are represented by gray lines instead of gray cells.

9A →

9B →

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

10 Between Sudoku

[65 points]

Apply classic sudoku rules. Every digit on a grey line must have a value which lies between the values of the two digits in the circles at the ends of the line. Digits may repeat on a line.

10A →

10B →

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

11 Ratio Sudoku

[85 points]

Apply classic sudoku rules. The digits placed in adjacent cells must satisfy the given ratios.

11A →

11B →

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

12 Sum 5 to 15 Sudoku

[114 points]

Apply classic sudoku rules. There are 22 outlined cages in the grid that have sums between 5 and 15. Every sum is used exactly twice and the combinations of digits never repeat. Some of the sums are already given. Digits may repeat in a cage.

12A →

12B →

6				15			6	
		8						
						12		
								10
7				13				
	7	6				4	2	
1			9		4			6
8			5		6			2
	6	5				1	4	