



1 Classic Sudoku [19 points]

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

1A →

1B →

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

2 Classic Sudoku [25 points]

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

2A →

2B →

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



3 Classic Sudoku [28 points]

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

3A →

3B →

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

4 Classic Sudoku [34 points]

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

4A →

4B →

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



5 Classic Sudoku [39 points]

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

5A →

5B →

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

6 Consecutive Sudoku [24 points]

Apply classic sudoku rules.

Adjacent cells containing consecutive numbers are marked. Adjacent cells with no marking must not contain consecutive numbers.

6A →

6B →

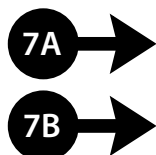
			4					
		3						
	2							
1								
				5				
								9
							8	
						7		
					6			



7 Ratio Sudoku [59 points]

Apply classic sudoku rules.

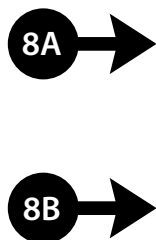
Numbers placed in adjacent cells must satisfy the given ratios.



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

8 Fortress Sudoku [50 points]

A number placed in a shaded cell must be strictly greater than numbers placed in adjacent unshaded cells.



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



9 Renban Groups Sudoku
[65 points]

The numbers placed in each shaded region must form a consecutive, non-repeating set.

[65

9A →

9B →

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

10 % Sudoku

[39 points]

Apply classic sudoku rules.

Numbers placed along the marked line and circles must not repeat. The same set of 8 numbers is used along both circles.

10A →

10B →

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



11 # Sudoku

[66 points]

Apply classic sudoku rules.

Numbers placed along marked lines must not repeat.

11A →

11B →

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

12 0-8 Skyscrapers Sudoku

[70 points]

Apply classic sudoku rules.

Each number from 1-8 represents the height of a building. The clues outside the grid indicate the number of buildings visible from the corresponding direction. A taller building will hide any shorter buildings behind it.

0 does not represent a building, and does not count towards the number of buildings in a corresponding direction.

12A →

12B →

	3	4	2	3	1	4	4	3	3	
3						2				3
3							0			2
4			2					1		1
3					0				6	2
2										3
5	2					1				2
1		0					6			4
2			1							4
2				6						1
	2	4	4	2	3	3	3	1	4	



13 Clock Sudoku [34 points]

Apply classic sudoku rules.

The numbers placed in the marked digital clocks in the grid must display a valid time in HH:MM format. In other words, the hours (HH) must be between 00-23, and the minutes (MM) must be between 00-59.

13A →

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

13B →

14 24-Trio Sudoku [48 points]

Apply classic sudoku rules.

The three numbers placed along marked lines must result in 24 after applying two of the arithmetic operations (+, ×, −, /). The order of these numbers along the line does not matter.

E.g. 395 can be combined as $24 = (3 \times 5) + 9$.

14A →

14B →

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