

1 Classic Sudoku**[20 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 →

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

1B →**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 →

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

2B →

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.

3A →**3B** →

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

4 Classic Sudoku**[30 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.

4A →**4B** →

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

5 Classic Sudoku**[32 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.

5A →

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

5B →**6 1-5-9 Column Indexer
Sudoku****[31 points]**

Apply classic sudoku rules. If the number X is in a grey cell in column Y in a given row, then in the same row the number Y is in column X.

6A →**6B** →

	9						3	
		1				9		
			3		1			
				7				
			9		5			
		9				7		
	1						5	

7 Anti-Knight Sudoku**[38 points]**

Apply classic sudoku rules. Digits placed in cells connected by a chess Knight's move must be different.

7A →

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

7B →**8 Kropki Sudoku****[39 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.

8A →

8B →

9 Clone Sudoku**[50 points]**

Apply classic sudoku rules.
Digits in the same place in
each shaded figure must
be identical.

9A →

9B →

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

**10 Dutch Flat Mates
Sudoku****[64 points]**

Apply classic sudoku rules.
Each digit 5 in the grid
must have a digit 1 above
it or a digit 9 below it, or
both.

10A →

10B →

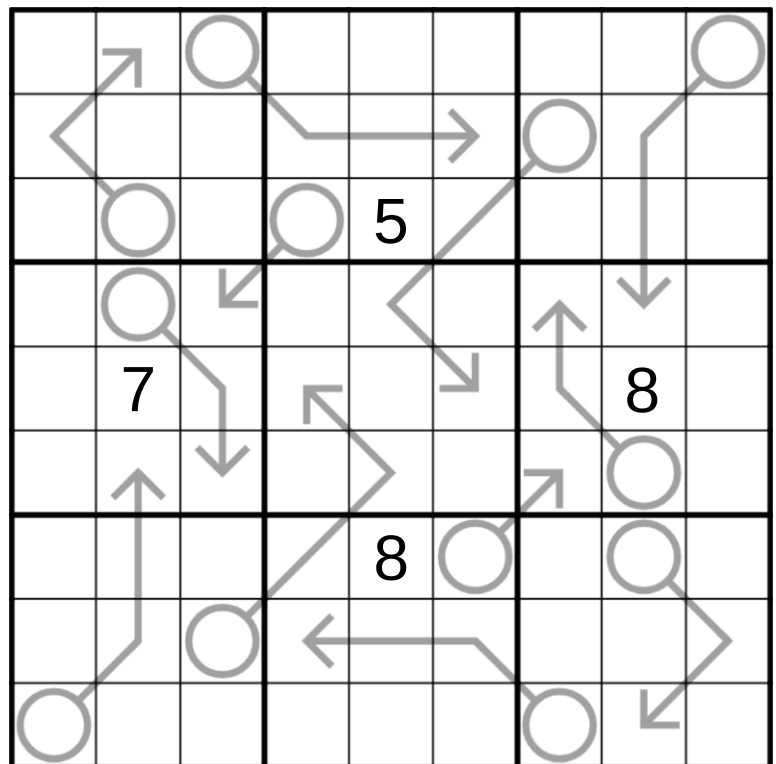
1					2			3
	8						2	
		4				7		
6				9				
			3		4			
				1				2
		2				4		
	6						8	
9			6					7

11 Arrow Sudoku

[78 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.

11A →
11B →

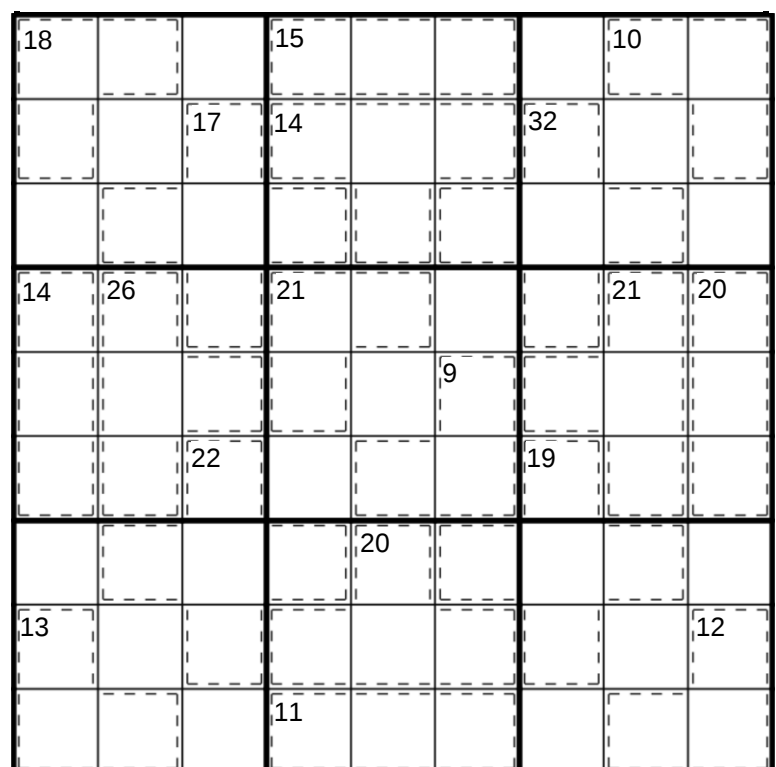


12 Killer Sudoku

[88 points]

Apply classic sudoku rules. Digits placed in each marked cage must sum to the total given in its top-left. Digits must not repeat in cages.

12A →



12B →

13 Rossini Sudoku**[92 points]**

Apply classic sudoku rules. The arrows outside the grid indicate that the first three digits are in ascending or descending order (the highest digit is at the point of the arrow). If there is no arrow outside, the first three digits cannot be in either ascending or descending order.

Note: The answer key arrows are presented in a way that is clearly different to the Rossini arrows. They have no impact on solving and are just to mark rows/columns for submission.

	2						3	
		9				8		
13A →			2		8			
13B →			4		9			
		1				9		
	8						5	

14 Numbered Rooms Sudoku**[100 points]**

Apply classic sudoku rules. Clues outside the grid indicate the digit which has to be placed in the Nth cell in the corresponding direction, where N is the digit placed in the first cell in that direction.

	1		2				9		3	
8										7
	1			2			3			
14A → 5										5
	4			5			6			
5										2
	7			8			9			
14B → 3										3

2 7