# **Exclude Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Numbers in the red circle are not allowed appears in four squares which is nearby the intersection of row and column red circles.





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(Solution

#### **Skyscrapers Sudoku**

3

2

4

1

2

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Consider each number to be the height of a building. The numbers outside the grid indicate how many buildings can be seen when looking in that direction (taller buildings conceal smaller buildings behind them).



2

2

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3

5

1

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4

(Solution)

#### Hybrid Sudoku ( X Sums + Greater Than )

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Each number outside the grid is the sum of the first X numbers placed in the corresponding direction, where X is equal to the first number placed in that direction.

Digits have to be place in accordance with the "greater than" signs.



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#### X Sums Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Each number outside the grid is the sum of the first X numbers placed in the corresponding direction, where X is equal to the first number placed in that direction.





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#### **Skyscrapers Sudoku**

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#### **Color Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Apply Classic Sudoku rules. Within each coloured region each digit must appear exactly once.



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

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#### **Quotients Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

A number between two cells indicates the quotient of the numbers in these cells. A number between four cells indicates the quotient between two diagonally adjacent cells, either top left + right bottom (\) or top right + bottom left (/).



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#### **Consecutive Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

There are some dots between cells. The numbers on each side of a dot must always be consecutive. Not all possible dots are marked.







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## Multi Diagonal Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Digits do not repeat along the marked diagonals.



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#### Sum Frame Sudoku

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Digits outside the grid indicate the sum of the first 3 digits in the corresponding direction.





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#### Hybrid Sudoku ( Greater Than + Sum Frame )

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Digits have to be place in accordance with the "greater than" signs.

Digits outside the grid indicate the sum of the first 3 digits in the corresponding direction.



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#### Hybrid Sudoku (X Sums + Consecutive)

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Each number outside the grid is the sum of the first X numbers placed in the corresponding direction, where X is equal to the first number placed in that direction.

There are some dots between cells. The numbers on each side of a dot must always be consecutive. Not all possible dots are marked.



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(Solution

#### **Give me Five Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Sum and difference of two orthogonally adjacent numbers must not be 5.



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

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(Solution

# Sujiken

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Sujiken (from Japanese "sujikai", literally "diagonal") is a variation of Sudoku . The puzzle consists of a triangular grid of cells containing digits from 1 to 9. The objective is to fill a grid with digits so that each cell contains a digit and no digit is repeated in any column, row and diagonal in any direction. Also, no digit occurs twice in any of the three larger 3 x 3 square regions and any of the three larger triangular regions enclosed by thick borders.



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## **Greater Than Kropki Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

In all cases where two digits have a consecutive value or one digit is two times as big as the other digit (or both), a greater than sign is placed. Digits have to be placed in accordance with the sign.





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#### Duodoku

Follow classic sudoku rules. This puzzle consists of tow overlapping grids of classic sudoku.





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(Solution)

# **Battenburg Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Everywhere 2 odd and 2 even digits form a 2x2 checkerboard pattern, a Battenburg marking is given. A checkerboard pattern is a 2x2 area of cells where the top-left and bottom-right cells are of one type and the top-right and bottom-left cells are of another type. All possible dots are marked.



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#### **Point To Next Sudoku**

Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

If digit 'n' is placed in a cell with an arrow, digit 'n+1' must be placed in one of the cells pointed by the arrow.



(Solution)

	6		5				8	
								6
		-2	1		-	1		
	1			1			ł	1
	1		1	2			Ļ	
		ł	4	5		Ļ		
		4	Ļ		ſ		9	
5				t	7	6		
		1						3

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Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.



(Solution)

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

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Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.



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

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

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(Solution

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

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

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

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

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

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

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(Solution)

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

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Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.



(Solution)

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

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Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.



(Solution

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

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Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

3

2



	7		5	9
3	1			
	2		9	
		6		7

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

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