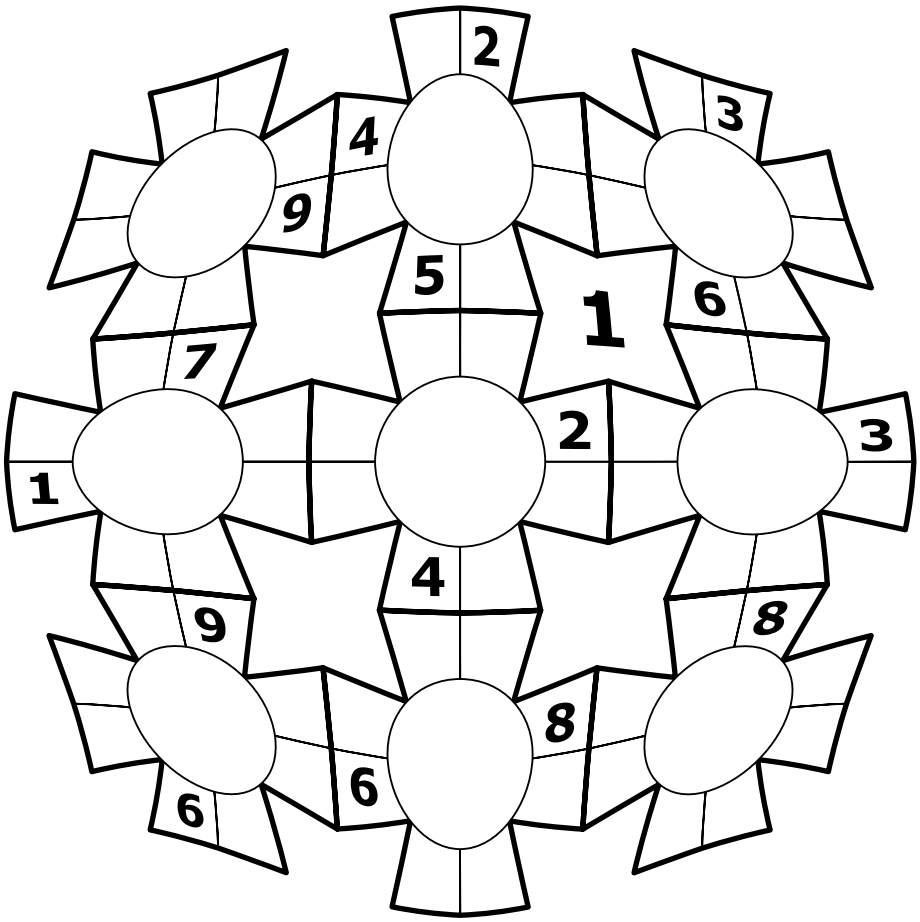
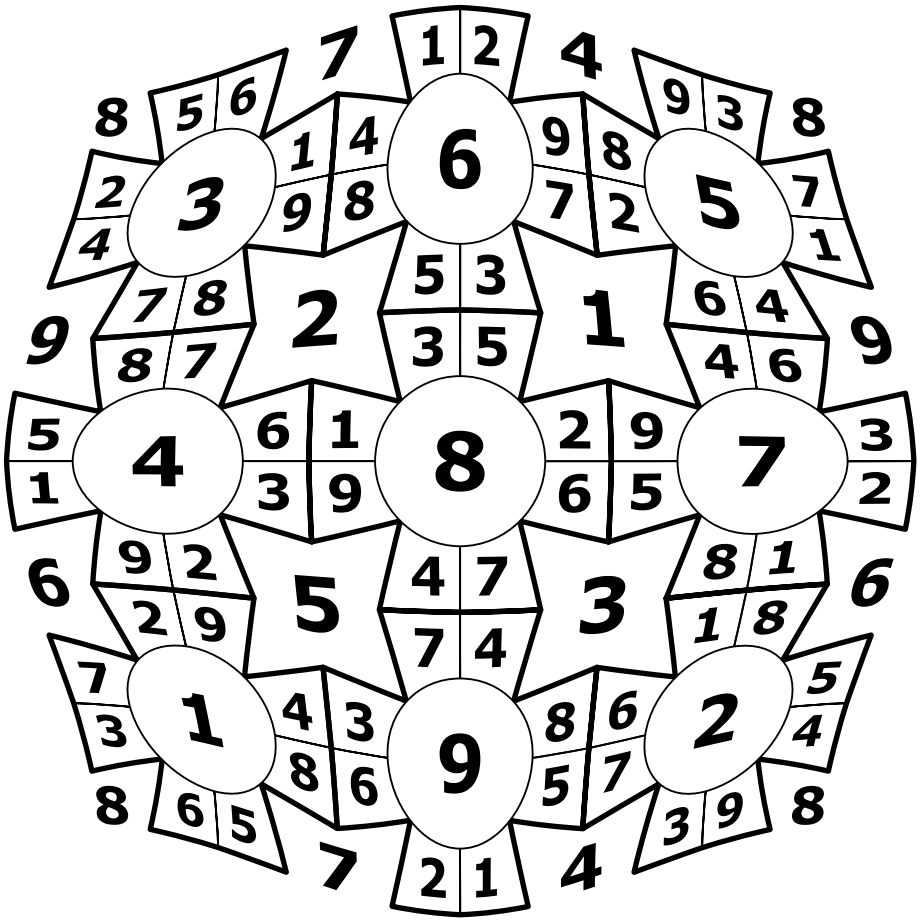
Ball

Fill in the grid so that every row, column (six smaller cells and three bigger circles or stars), outlined figures (eight smaller cells and a bigger circle), nine bigger circles and nine bigger stars contain the digits 1 through 9. The grid is toroidal.





Battleship

Locate the position of the 10-ship fleet in the grid by standard rules. The ships do not touch each other, not even diagonally. The numbers outside the grid indicate how many cells in that row or column contain parts of ships. The ship can not occupy the cell with given digits. Then write the numbers into the ships. These numbers can go from left to right and from right to left, from top to bottom and from bottom to top. The given digits and digits in ships will help you to solve 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.

4		1							1
	2								3
		7							4
						1			0
							2		1
								5	4
9				3					1
	7		6		2				3
1		2							3
1	3	1	1	3	2	3	2	4	

8 3 5 1

2 4 7 2 4 7

1 5 1 5 1 5

8 8 8 8

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

Big bands

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 six grey twisty bands 7 cells long in the sudoku grid and 7 digits long numbers. Put the numbers in the respective bands and all others digits in the grid.

1973421

6539378

7159876

7234589

7846574

8418578

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

Buildings

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 row and column contain buildings of different heights. The numbers outside the grid indicate how many buildings are visible from that direction (the higher buildings hide the lower ones behind them).

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

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

Capsules

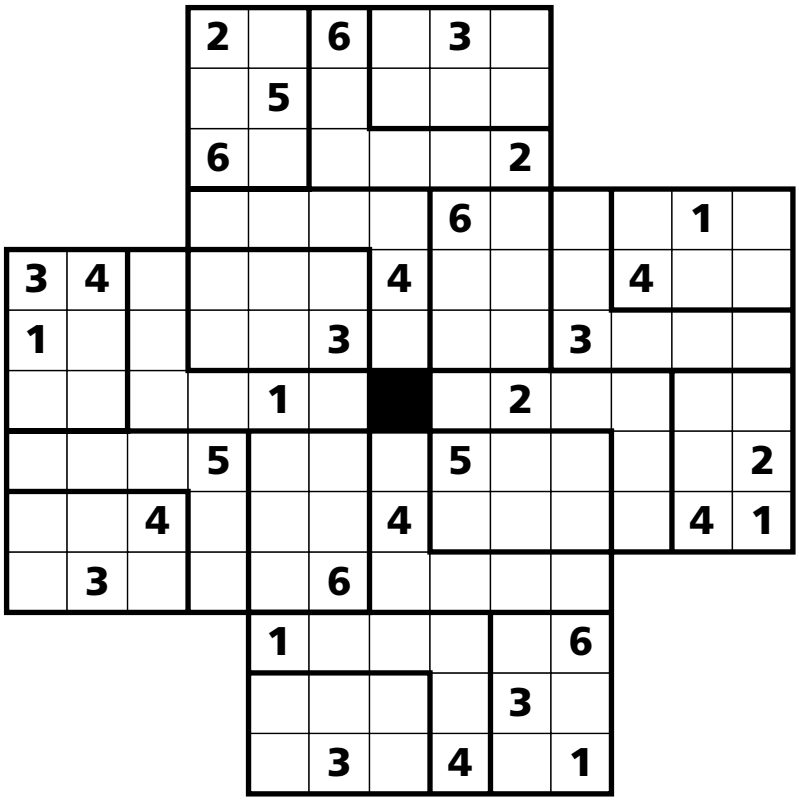
Place a digit from 1 to 8 so that each digit appears exactly once in each of the rows, columns and eight outlined rectangles. The digit in each capsule is used for the three columns.

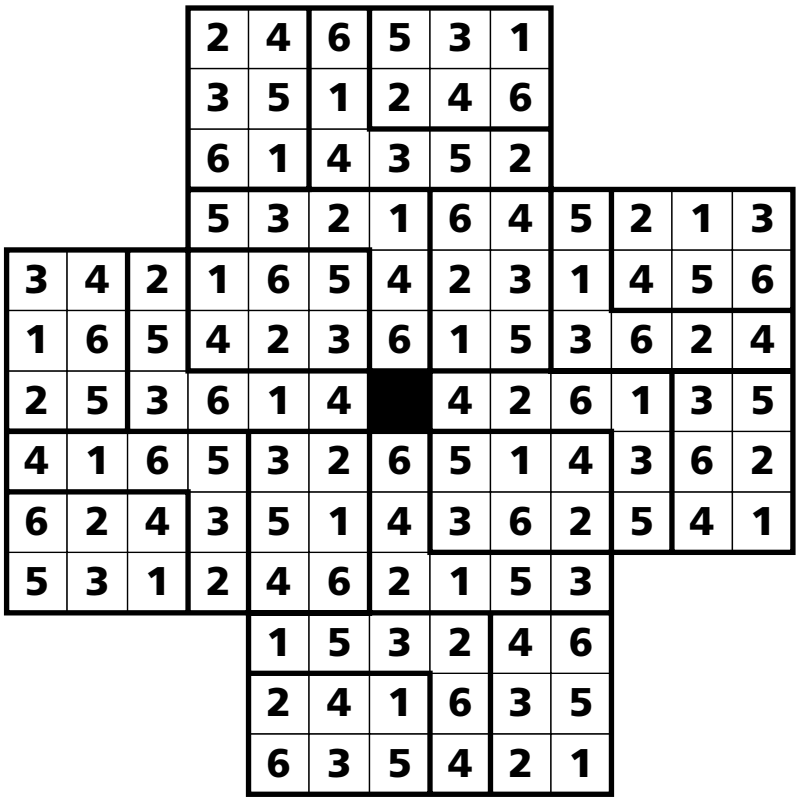
	7	3				4		
		1	4			7	8	
8				5				
		1				8		
					4	6		
			6		3			
3	2							

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

Chain

Place a digit from 1 to 6 into each of the empty squares so that each digit appears exactly once in each of the four 6x6 grids and in each of the six-field outlined regions (irregular or rectangle).

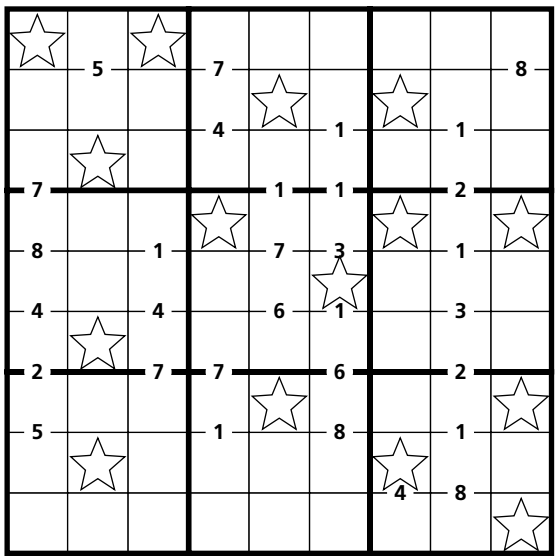


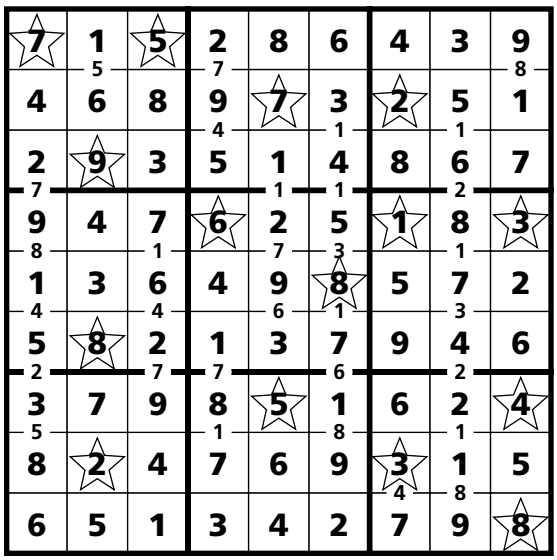


Constellation

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.

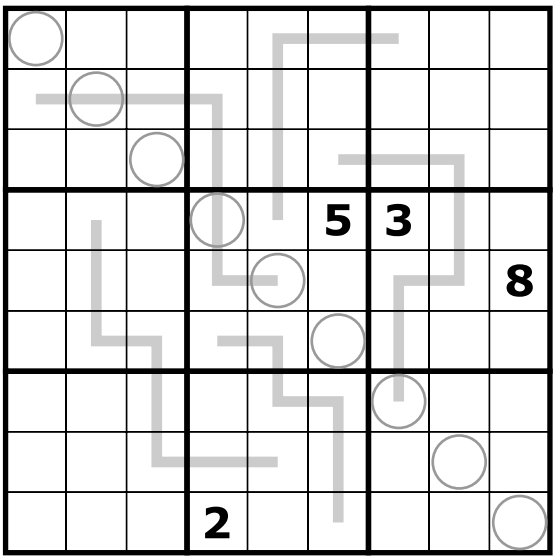
There are special clue-numbers placed on the border lines between selected pairs of adjacent squares of the grid. Each clue-number is the difference between the two numbers that should be in the adjacent squares just above and below of that clue-number. An additional set of 15 starting digits {1, 2, 2, 3, 3, 4, 5, 5, 6, 7, 7, 8, 8, 8, 9} is given to fill in the squares indicated by 15 stars.

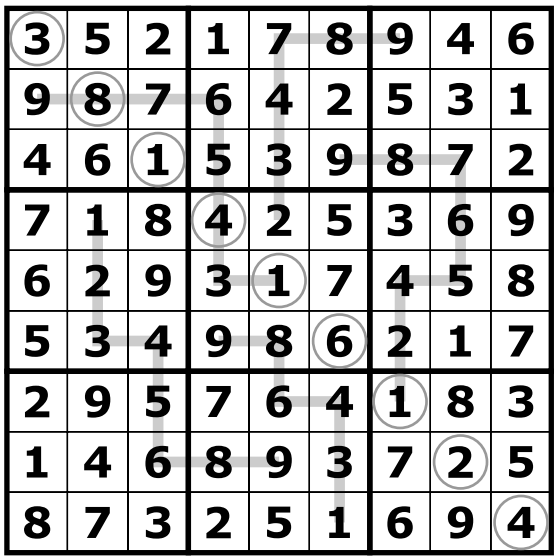




Creasing Sudoku

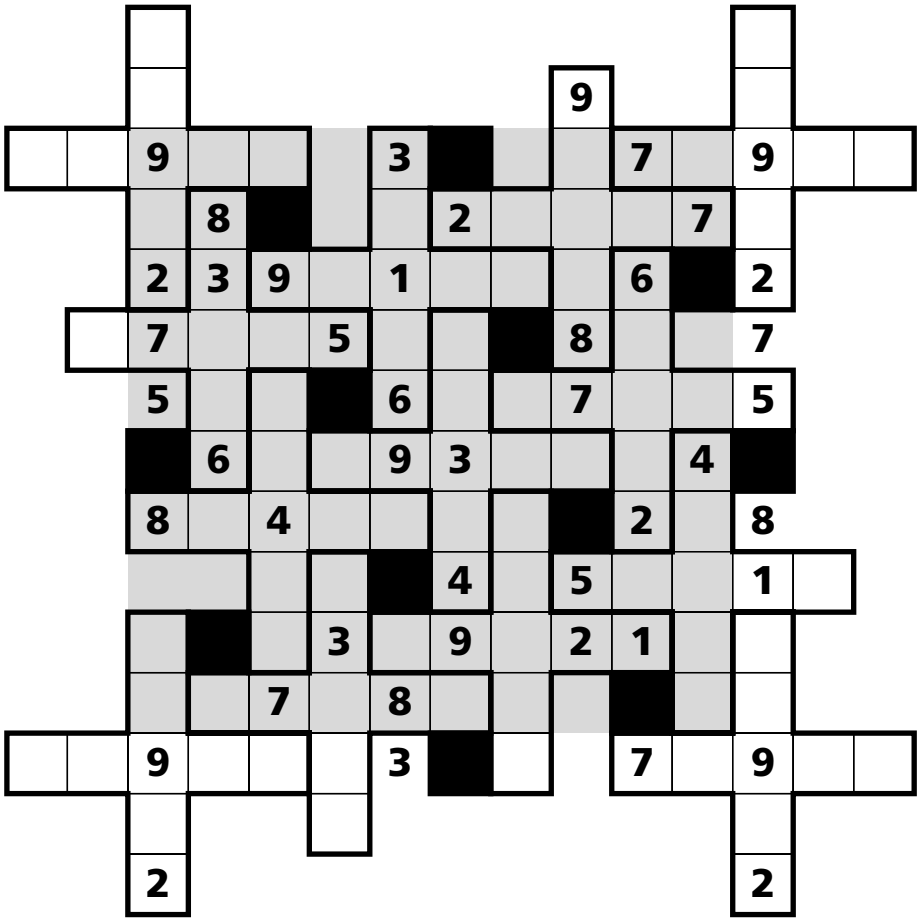
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions. The digits in the squares with the grey line must be in the increasing or decreasing order but not necessarily in arithmetical series.

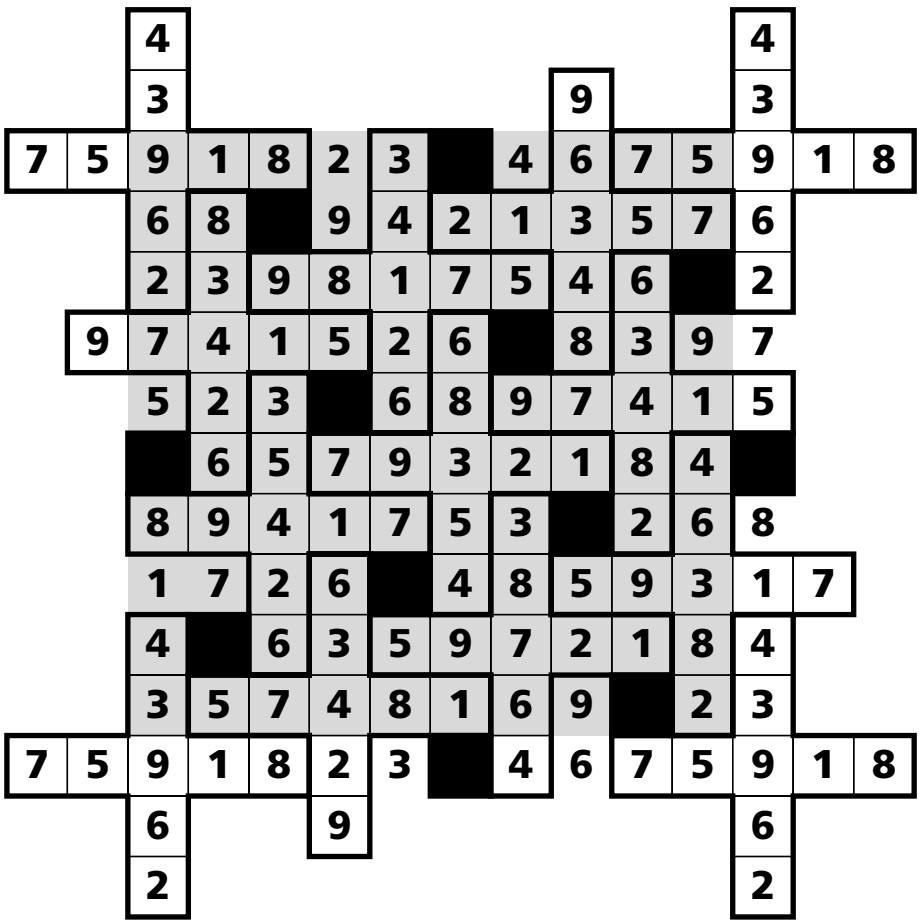




Cross

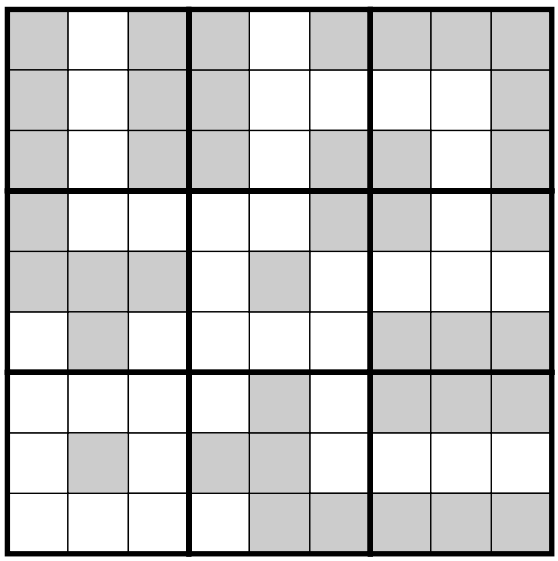
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows and columns of the 10x10 gray square and in each of the crosses. Four corner crosses are identical.





Crossnumber

Fill in the white cells with given number words. Then using written digits solve 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.



2431 7168
2637 8491
4316 8495
4931 8627
5876 8629
6517 8651
6798 9518

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

Diagonal

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. Additionally, each digit appears exactly once in each of the two main diagonals.

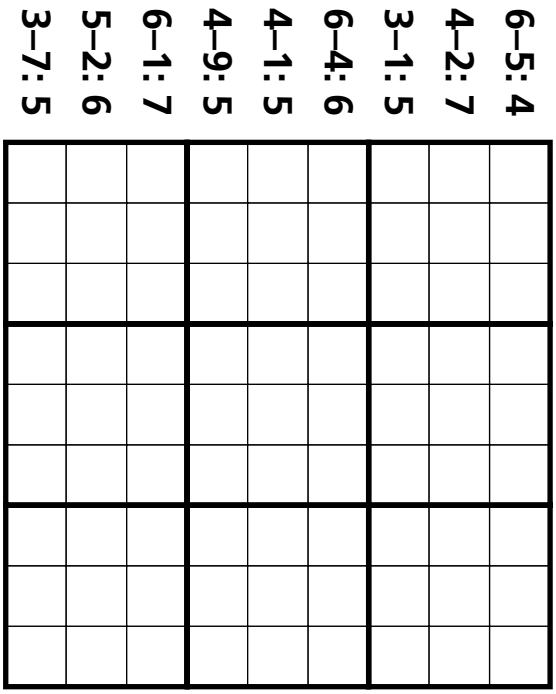
7		9						
		4		3	5			
	1							9
3	4	6					2	
9	5	7	2			1	4	3
		8	4		3			
	7				2		8	
			6	5		7		
		1			9	5	3	

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

Distance

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.

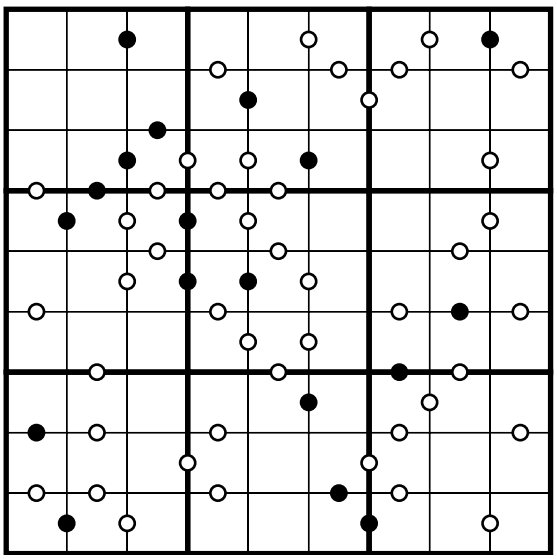
The distance between two digits in each row and column is specified. The order of these digits is from left to right or from top to bottom.



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

Dots

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 absolute difference between two digits in neighbouring cells equals 1, then they are separated by a white dot. If the digit is a half of digit in the neighbouring cell, then they are separated by black dot. The dot between 1 and 2 can be either white or black.



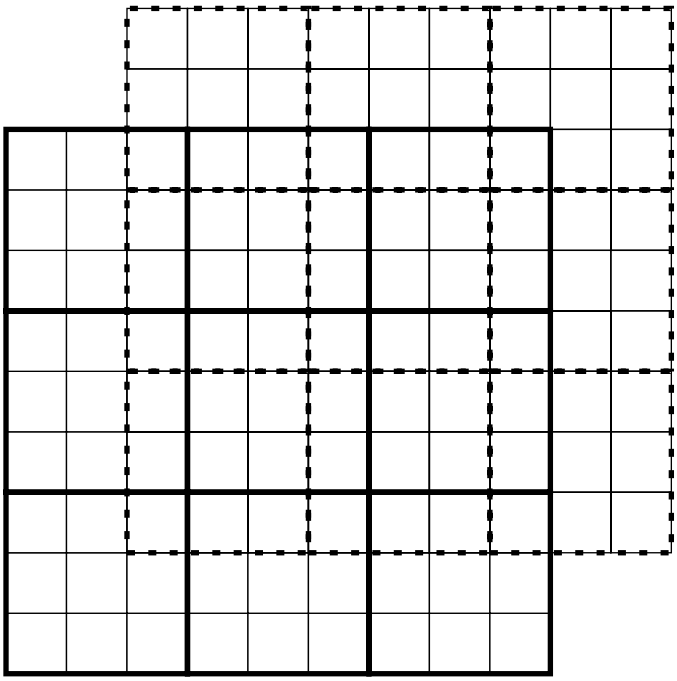
7	3	6	1	9	8	5	4	2
1	5	8	2	4	7	6	9	3
9	2	4	5	6	3	1	7	8
8	4	3	6	7	5	9	2	1
6	1	2	4	8	9	7	3	5
5	9	7	3	2	1	8	6	4
2	8	1	9	3	6	4	5	7
4	7	9	8	5	2	3	1	6
3	6	5	7	1	4	2	8	9

Double

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, nine outlined 3x3 regions and each of the two main diagonals.

Dual Doku

The big grid consists of two partially overalapped 9x9 sub-grids. Fill in the whole grid with numbers 1 through 9 (one number per cell) so that in both 9x9 sub-grids each horizontal line, each vertical line and each of their respective nine 3x3 squares must contain all the nine different numbers 1 through 9.



Even

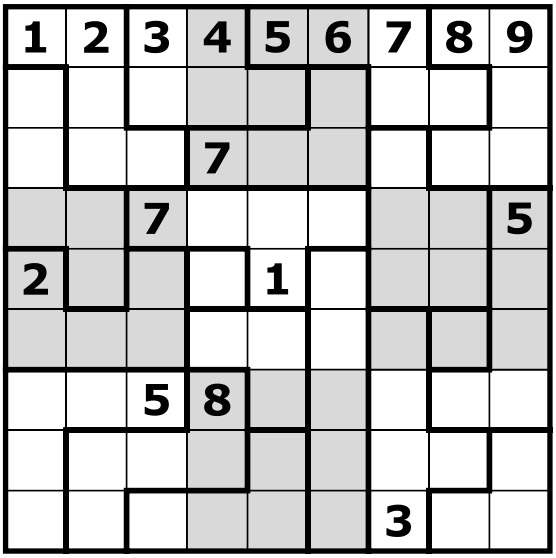
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions. The grey squares must contain even digits.

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

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

Figure sudoku

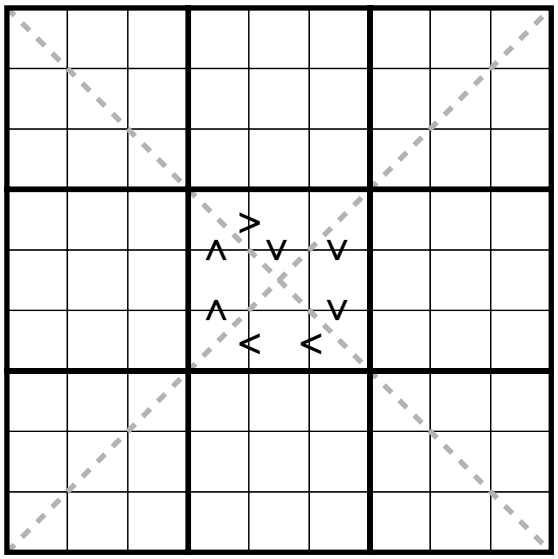
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine 3x3 regions. All occurances of each outlined shape (rotated and/or mirrored) must contain the same set of digits but each digit needn't be used exactly once The sets can be the same for different shapes.

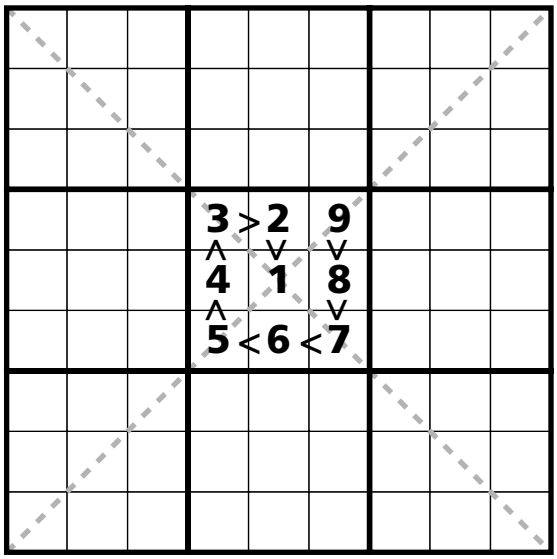


1	2	3	4	5	6	7	8	9
7	8	6	1	9	2	5	4	3
5	9	4	7	8	3	6	2	1
4	6	7	3	2	8	9	1	5
2	5	9	6	1	7	4	3	8
8	3	1	5	4	9	2	6	7
3	7	5	8	6	4	1	9	2
6	1	2	9	3	5	8	7	4
9	4	8	2	7	1	3	5	6

Greater and less

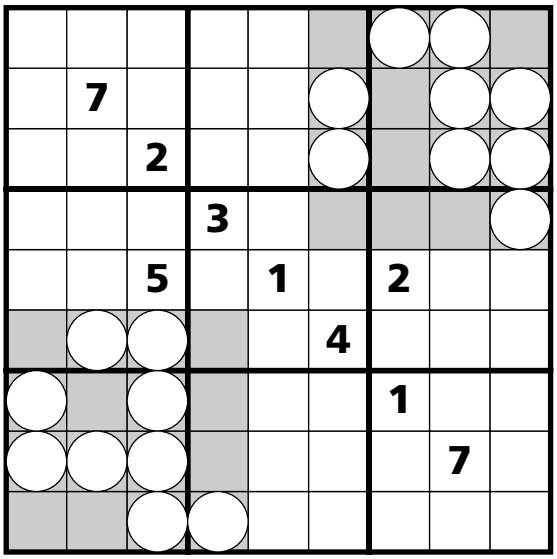
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns, nine outlined 3x3 regions and each of the two main diagonals. The filled digits must obey relationships specified with „greater than" (>) or „less than" (<) symbols.

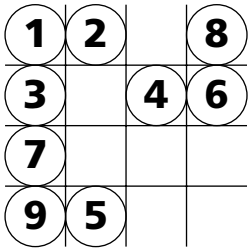




Increase distance

Solve both grey squares in the „increase distance“ puzzle. Put the digits 1– 9 into the circles so that the distance between circles increases one after another: |1, 2| < |2, 3| < … < |8, 9|. Then using written and given digits solve 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.

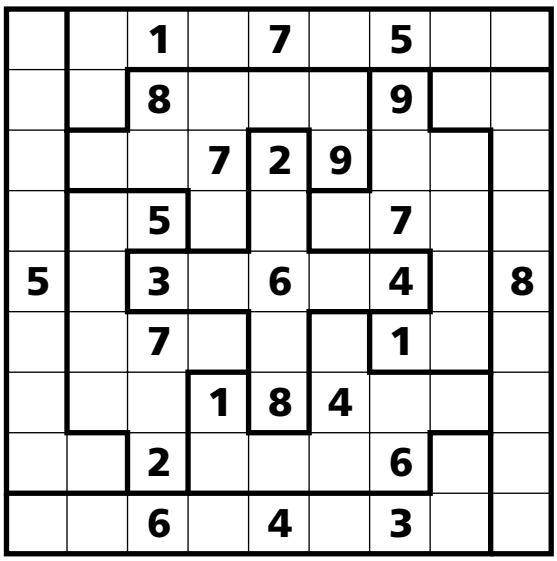




9	4	8	1	6	2	5	3	7
6	7	3	5	4	9	8	1	2
1	5	2	8	3	7	9	4	6
4	1	9	3	2	5	7	6	8
7	3	5	6	1	8	2	9	4
2	8	6	7	9	4	3	5	1
3	9	4	2	7	6	1	8	5
5	2	1	4	8	3	6	7	9
8	6	2	9	5	1	4	2	3

Irregular

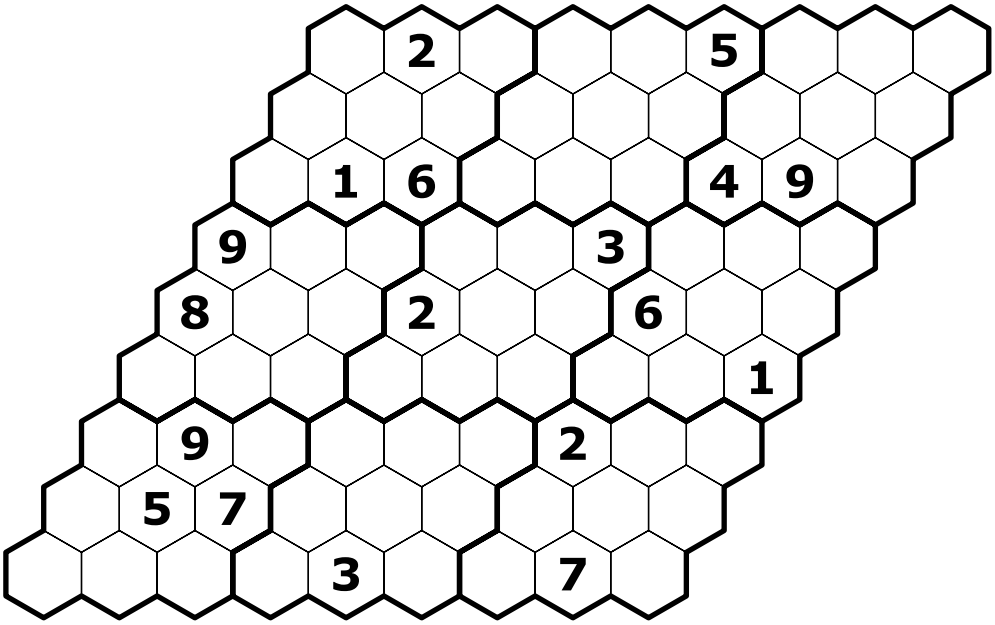
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the irregularly shaped regions.

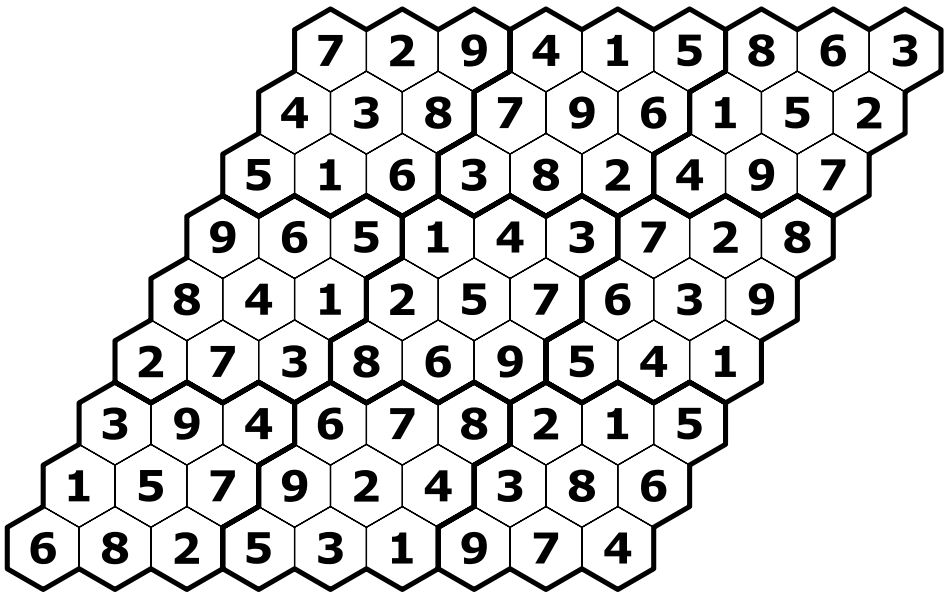


2	9	1	4	7	3	5	8	6
4	2	8	5	3	1	9	6	7
1	6	4	7	2	9	8	5	3
3	8	5	2	1	6	7	4	9
5	1	3	9	6	7	4	2	8
9	4	7	6	5	8	1	3	2
6	3	9	1	8	4	2	7	5
8	7	2	3	9	5	6	1	4
7	5	6	8	4	2	3	9	1

Isosudoku

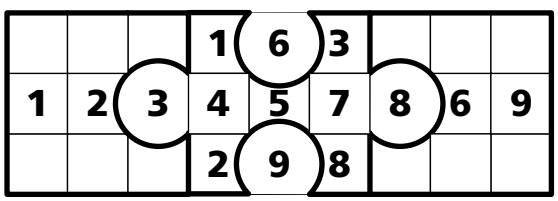
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, 9-cell diagonals and the nine outlined 3x3 regions. In the shorter diagonals all digits must be different.





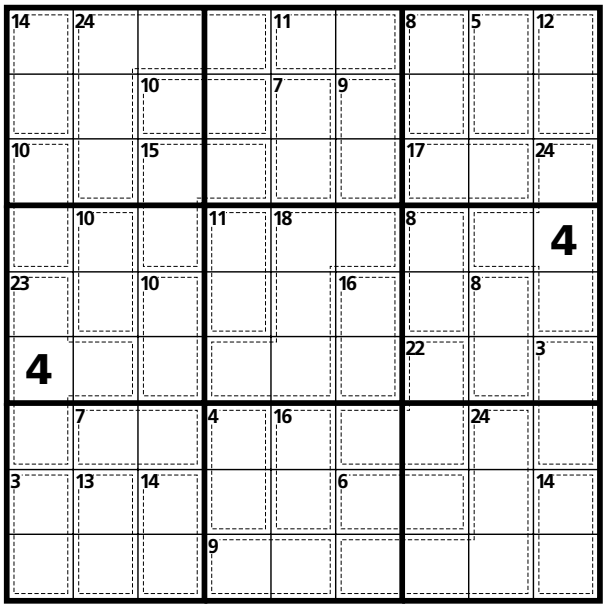
Jigsaw Roundoku

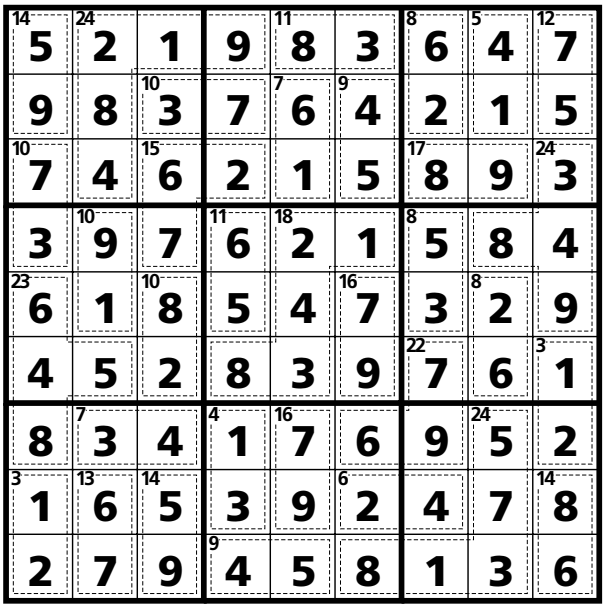
Fill in the whole 9x9 grid with numbers 1 through 9 (one number per cell) so that each horizontal line, each vertical line and each of the nine jigsaw shapes (outlined with the bold lines) must contain all the nine different numbers 1 through 9. The round parts of the jigsaw shapes must contain only „round“ numbers – 3, 6, 8 and 9.



Killer

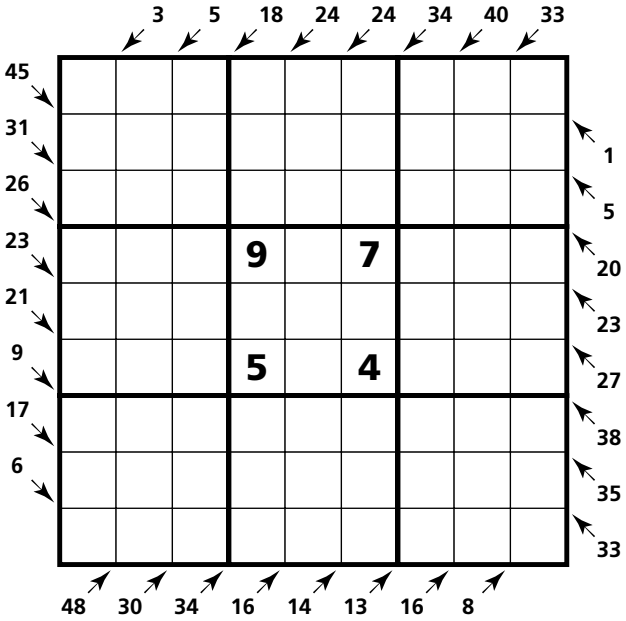
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions. The sum of the numbers in each outlined region is equal to the corresponding number given in a corner of the outline. No digit is repeated within a given outlined region.

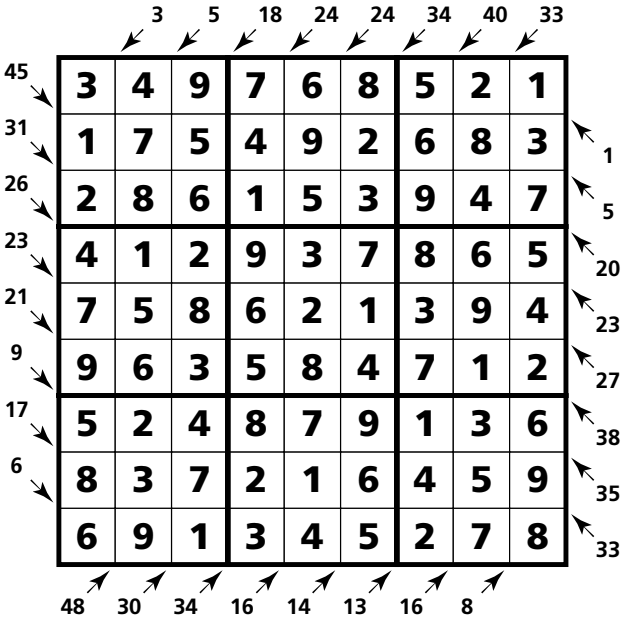




Little Killer

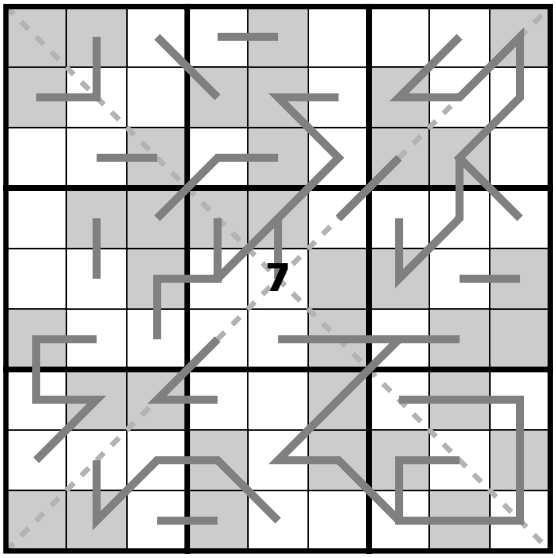
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns, nine outlined 3x3 regions and each of the two main diagonals. Numbers with arrows indicate sum of the numbers in each direction.

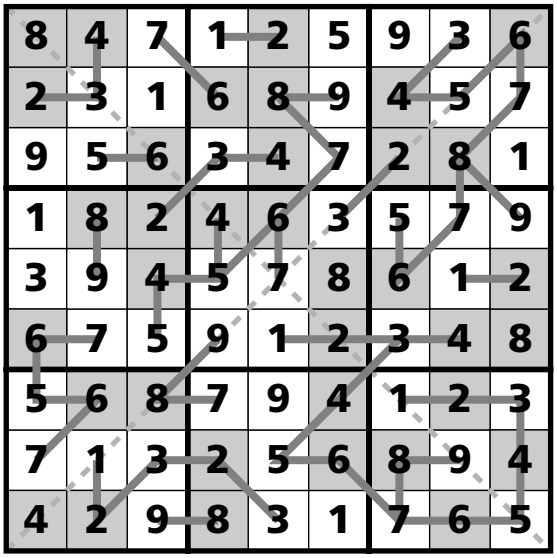




Lucky seven

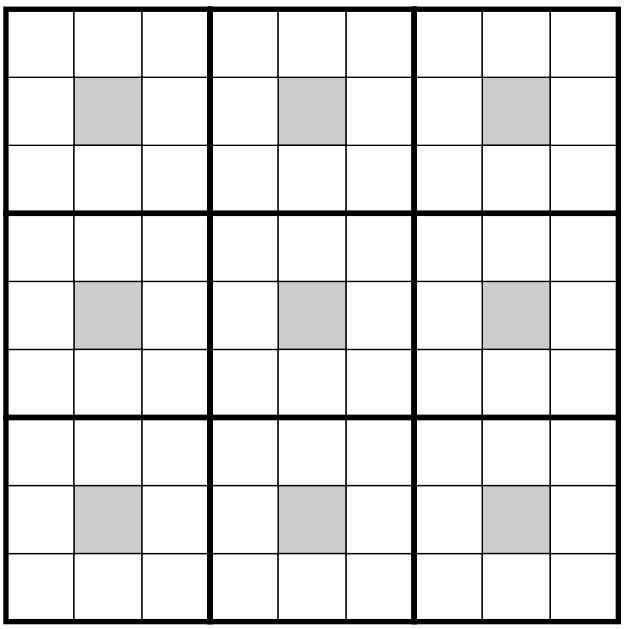
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions. Additionally, each digit appears exactly once in each of the two main diagonals. Some neighbouring cells linked with the line contain digits in arithmetical series. Sudoku grid contains highlighted all the squares with even digits.





Magic square

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, the nine outlined 3x3 regions and in each of the two main diagonals.
The sum of digits in the central highlighted squares of 3x3 square must be equal in each row, column and both diagonals.



Many times times

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 top parts of certain squares are the products of the digits in all the squares horizontally and vertically adjacent to the square.

20					30			
96		324						
					405			3
180								
				600		36		
		2835						
4								

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

Mirror

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 nine outlined 3x3 regions in each of the four squares. The mirrors have been placed among the four squares and all the digits are reflected according to certain rule. The rule is recognizable from the grid.

Multi

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 and in each of the three big squares.

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

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

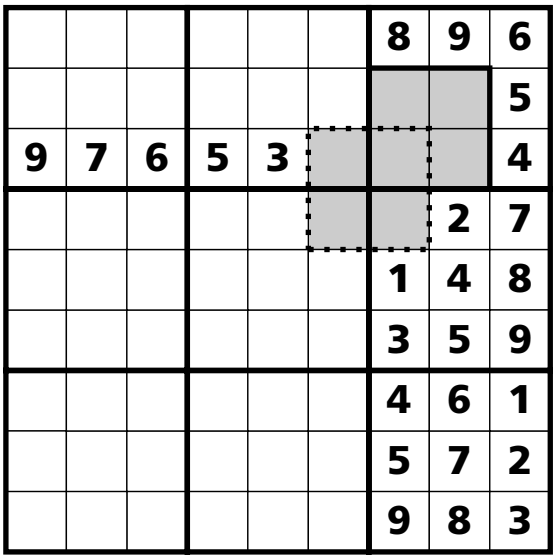
9				5					9		7			
				6						1				
			4		3					2				7
		4	8		7	3								
5	9						7	4						
		7	1		5	2								
			9		1									
				2										
1				8				6						

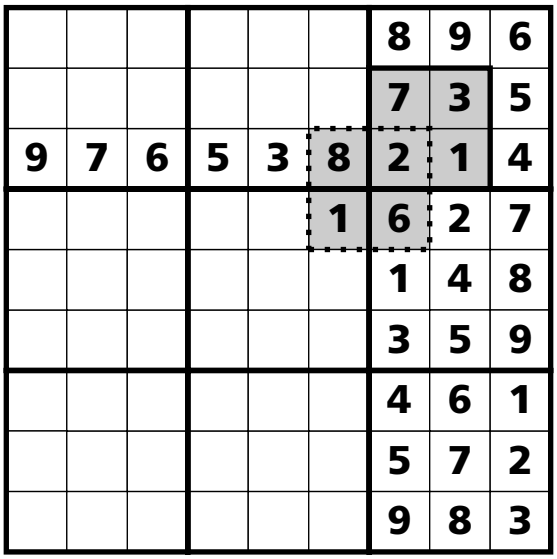
9	6	7	2	5	1	4	8	3
3	1	4	9	7	8	6	2	5
2	5	8	6	3	4	1	9	7
1	9	3	7	4	2	5	6	8
4	8	2	5	6	9	3	7	1
5	7	6	8	1	3	2	4	9
8	4	9	1	2	5	7	3	6
6	2	1	3	8	7	9	5	4
7	3	5	4	9	6	8	1	2

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

Multiplication table

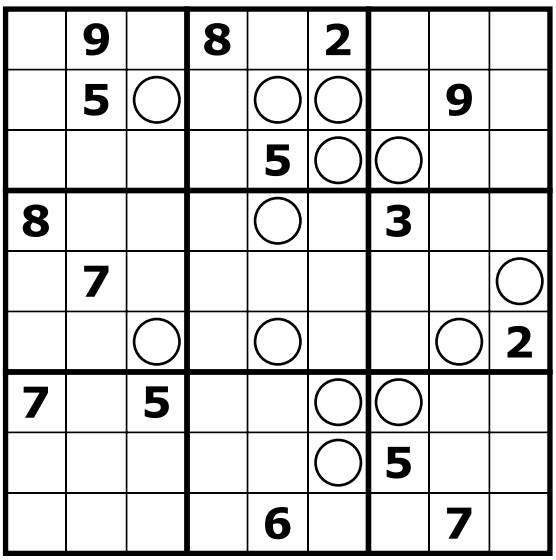
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions. Each highlighted 2x2 region contains examples of multiplication. Every lower highlighted row must contain the product of two numbers in the upper highlighted row.

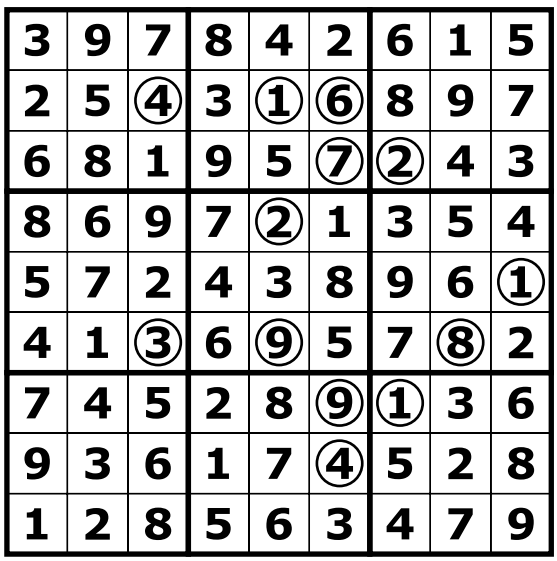




Neighbouring Sudoku

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. For each circled cell sum of its vertical neighbours must be equal to the sum of its horizontal neighbours.

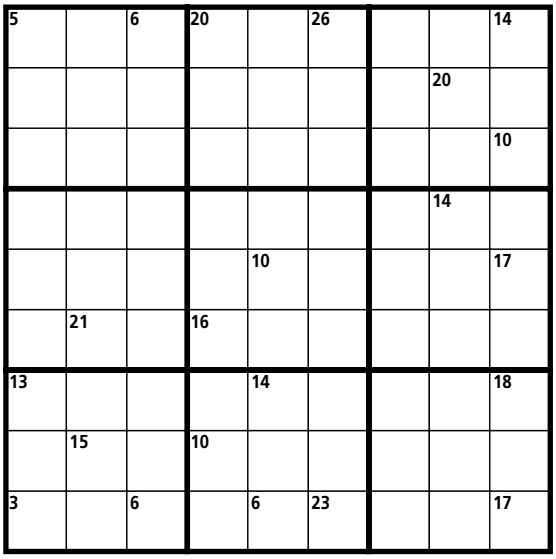


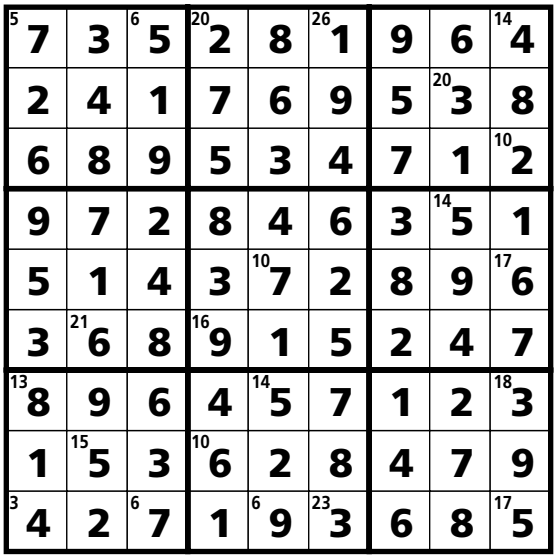


Neighbours

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.

Small clue-numbers in the top parts of certain squares are the sums of the digits in all the squares horizontally and vertically adjacent to the square.

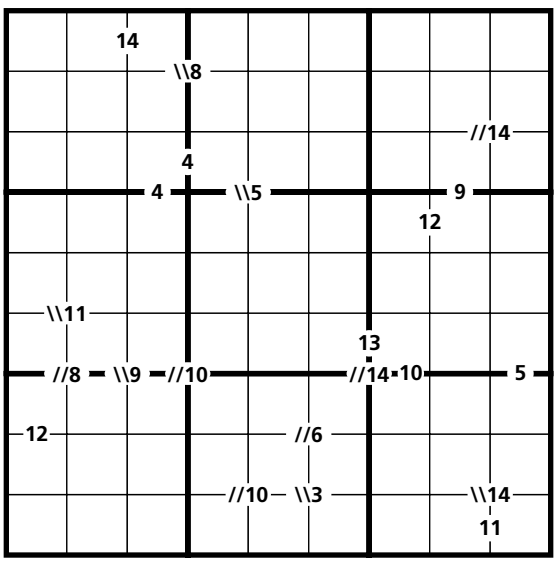


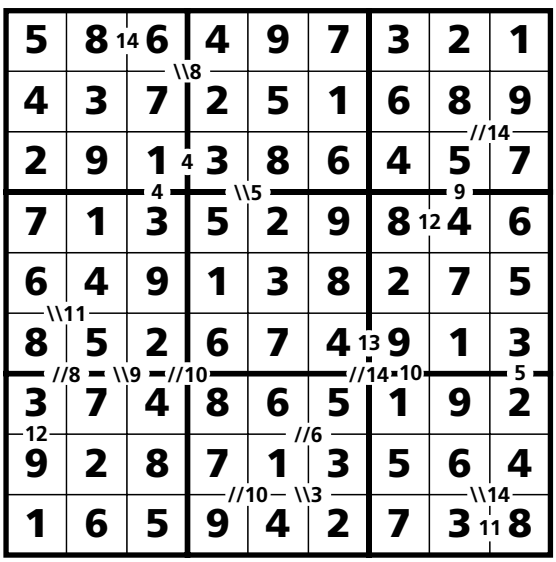


9 + 8 = 17

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.

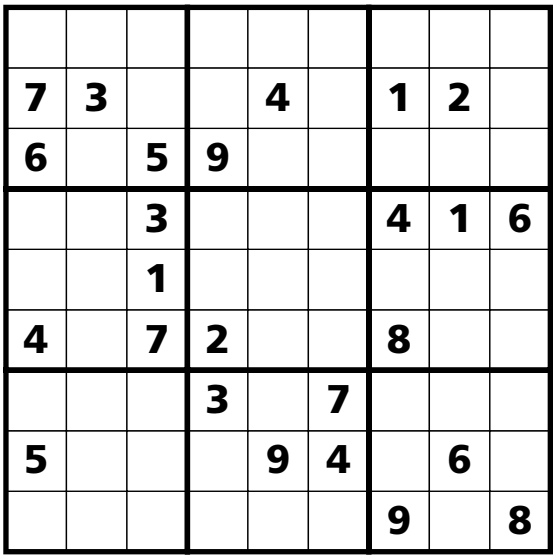
Small clue-numbers are either placed on the border lines between selected pairs of neighbouring squares of the grid or placed after slash marks on the intersections of border lines between two diagonally adjacent squares. Each small clue-number is the sum of two digits in the two squares that are horizontally or vertically or diagonally adjacent to each other. The position of each pair of diagonally adjacent squares is indicated by either two forward slash marks // or two backward slash marks \\.

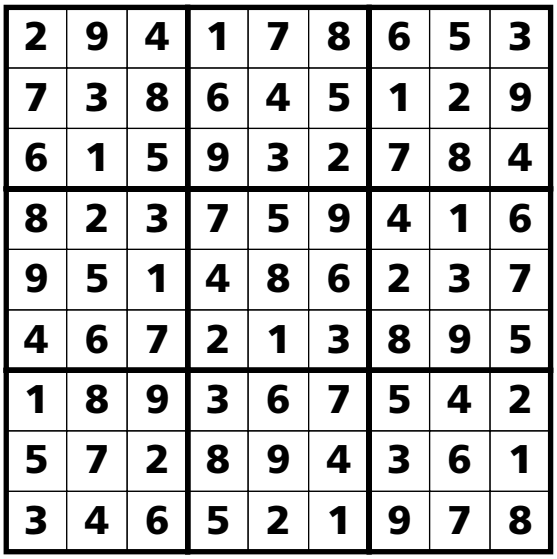




No touch

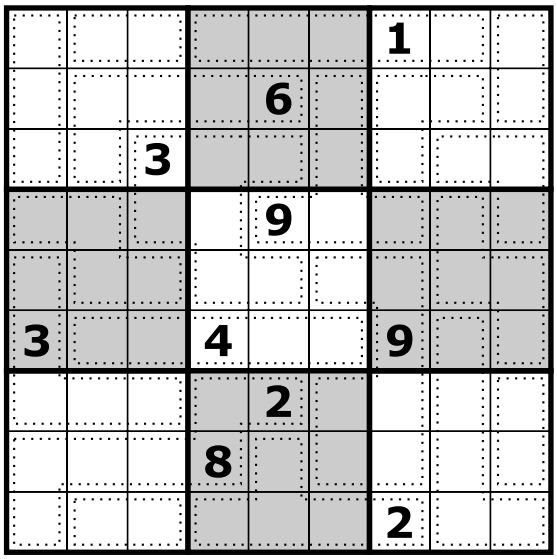
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions. The same digits can not touch each other, not even diagonally.

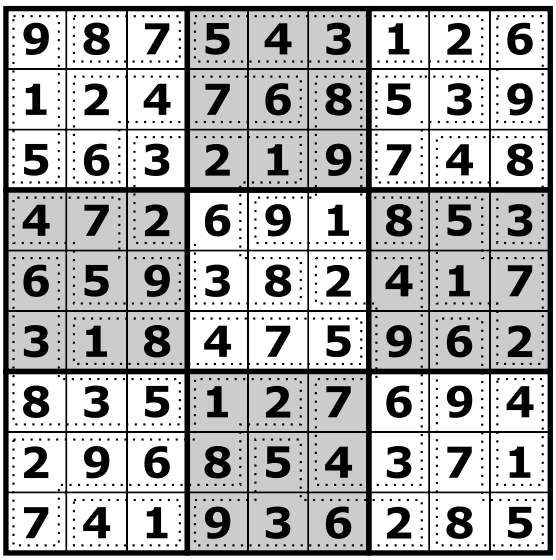




Number 5 Still Alive

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 of digits in all dotted areas must end with 5.





Odd

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. The grey squares must contain odd digits.

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

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

One to Nine

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. Letters in cells stand for the digits which contain them in spelling.

1 – ONE
2 – TWO
3 – THREE
4 – FOUR
5 – FIVE
6 – SIX
7 – SEVEN
8 – EIGHT
9 – NINE

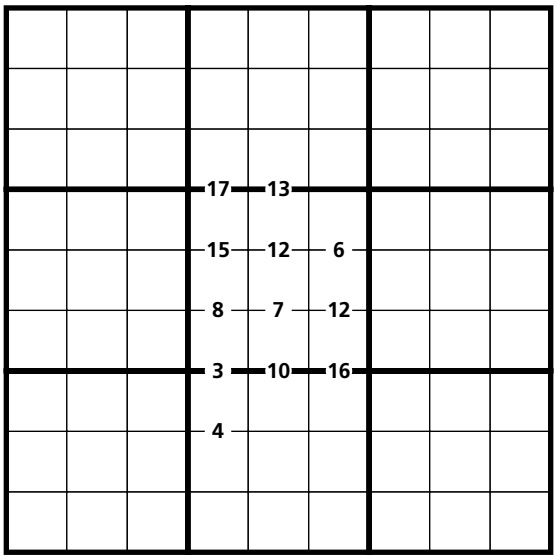
I	O			R	H		R	I
T	N		V		S		H	E
F		I		R		T		
V	I	S	E		F		V	T
S					N			
N	O	N		F	N	R		R
T		N		S				R
T	F					O	U	
	O	N	F	E	H			N

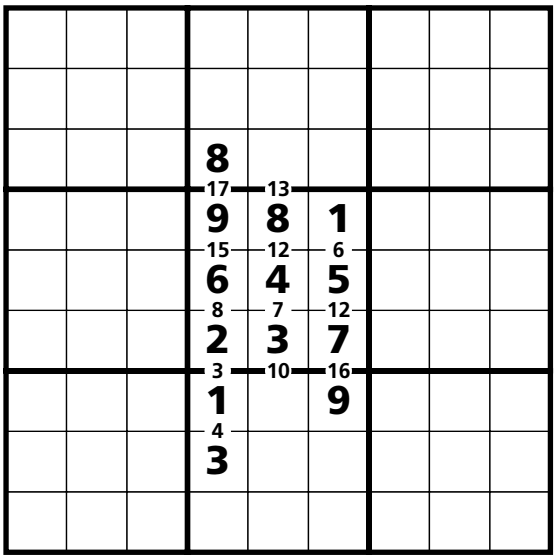
6	1	2	9	4	8	7	3	5
3	9	5	7	2	6	4	8	1
4	7	8	1	3	5	2	9	6
5	8	6	3	1	4	9	7	2
7	3	4	2	6	9	5	1	8
9	2	1	8	5	7	3	6	4
2	6	9	4	7	1	8	5	3
8	5	3	6	9	2	1	4	7
1	4	7	5	8	3	6	2	9

1 + 2 = 3

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.

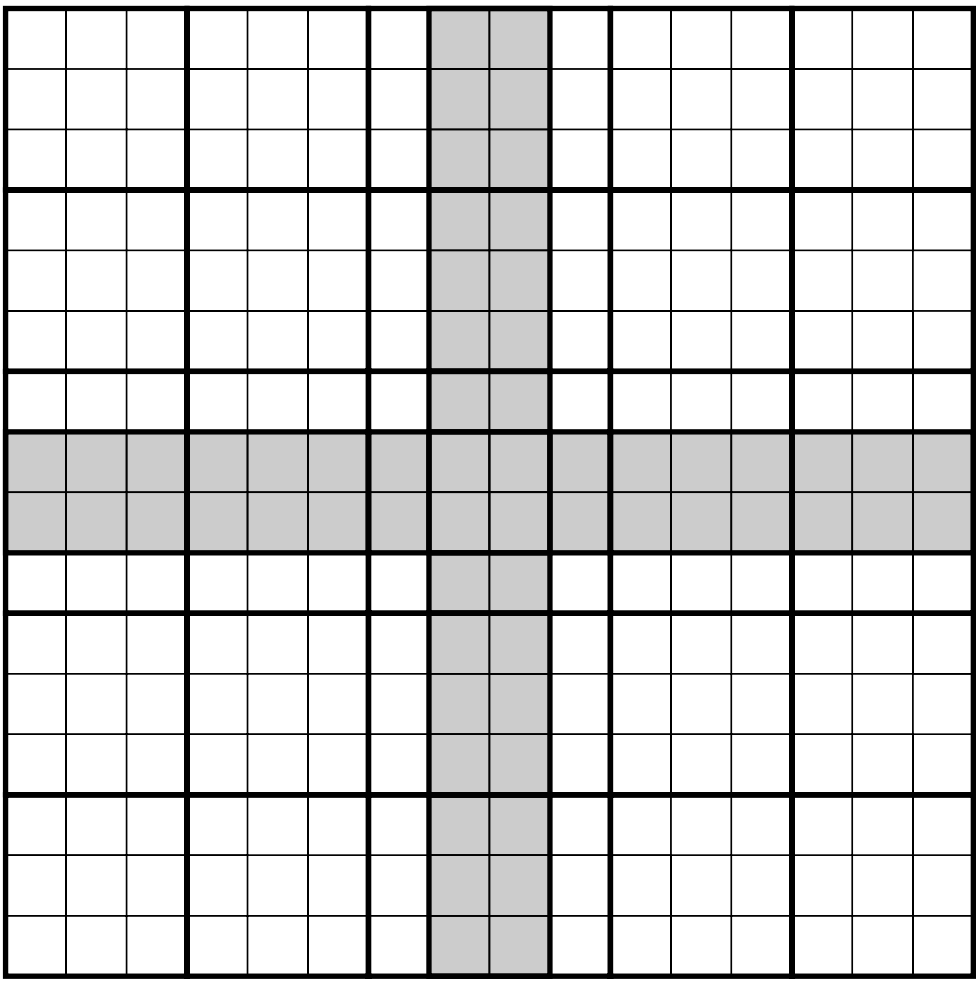
Special clue-numbers are placed on the border lines between selected pairs of neighbouring cells of the grid. Each clue-number is the sum of two numbers that should be in the respective pair of the neighbouring cells just above and below it.





Overlap

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 each of the four squares. The grids are overlapped by two highlighted rows or columns.



Paint it black

Blacken some of the cells to find out the hidden modern art figure. The numbers on the sides of the grid give the number of black cells in each black stretch in a certain row or column. The black regions are separated by one or more empty cells. Don't pay attention to digits in the grid. Then transfer the digits from black cells into the second grid and solve 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.

9	4	1	3	4	7	2	8	6	1	1	1	3
8	7	3	5	9	1	1	1	2	1	1	1	1
7	2	4	2	2	8	9	5	3	1	1	1	3
5	1	8	7	1	4	5	2	4	1	1	1	1
4	9	7	2	5	2	6	3	1	1	1	3	
1	5	7	6	8	3	7	1	3	0			
7	2	4	9	3	1	1	8	8	3			
4	3	5	8	5	2	7	1	9	1			
8	5	1	4	6	7	3	5	2	3			
4	1	4	1	4	1	3	1	1				
			3	1	1	1	1	3				
				1			1					

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

➤

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

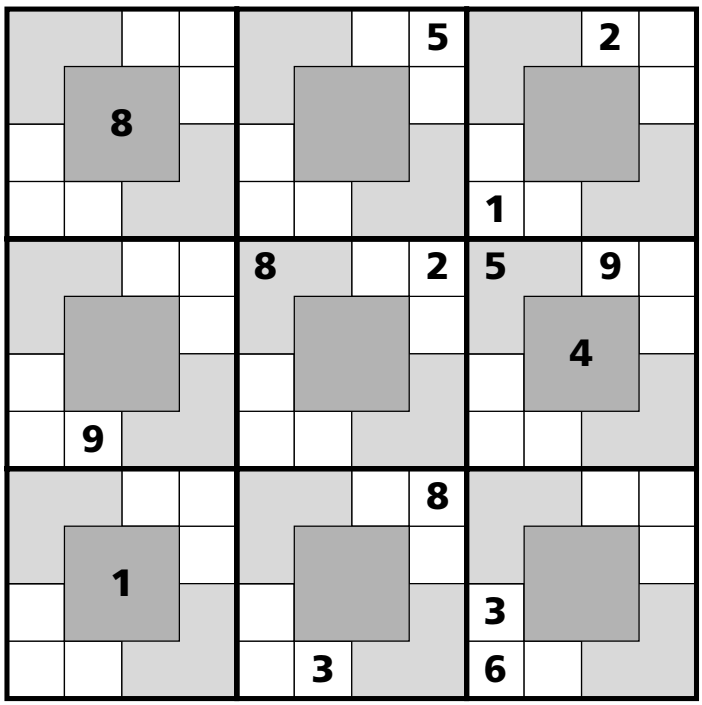
Parallelograms

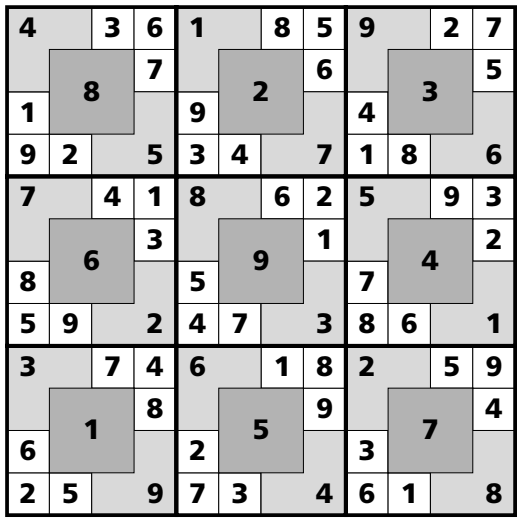
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns, nine outlined 3x3 regions and each of the two main diagonals. After solving the sudoku divide the grid into rectangular parallelograms (square, rectangle). Each shape must contain one highlighted square. The digit in the highlighted square indicates the sum of the sides of the parallelogram (length and height).

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

Parquet

Put the digits 1-9 in each of the empty cells so that each digit appears exactly once in each of the outlined squares 4x4, all 12 columns and all 12 rows.

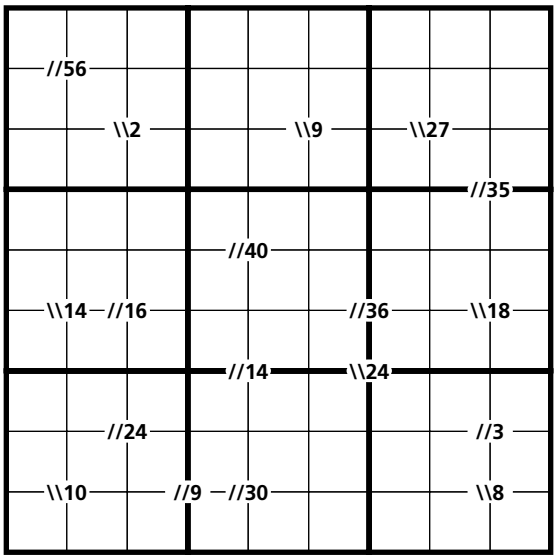


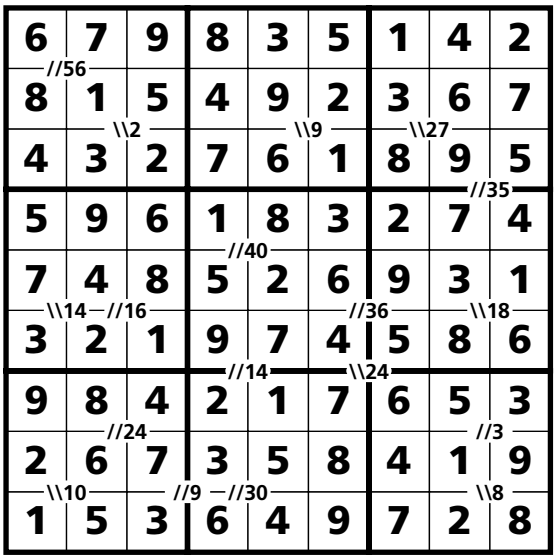


Product

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.

Small clue-numbers are either placed on the border lines between selected pairs of neighbouring squares of the grid or placed after slash marks on the intersections of border lines between two diagonally adjacent squares. Each small clue-number is the product of two digits in the two squares that are horizontally or vertically or diagonally adjacent to each other. The position of each pair of diagonally adjacent squares is indicated by either two forward slash marks // or two backward slash marks \\. (Slash marks only in this example.)

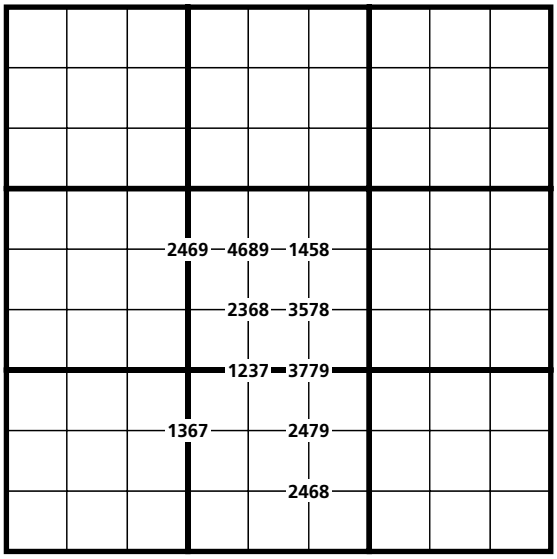


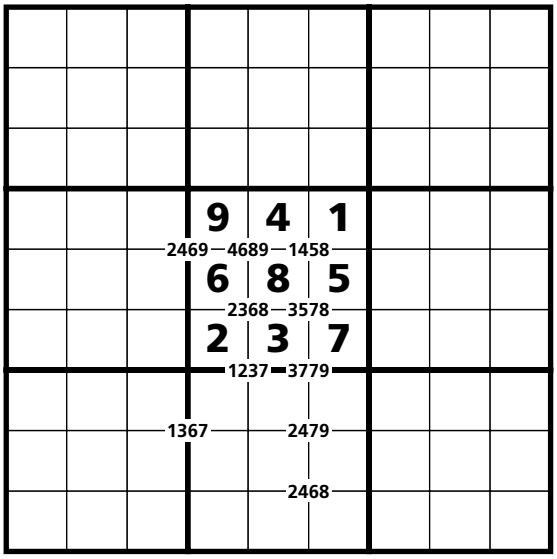


Quadruple

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 set of 4 small digits in the intersection of two grid lines stands for the numbers in the four cells of the grid adjacent to this set.

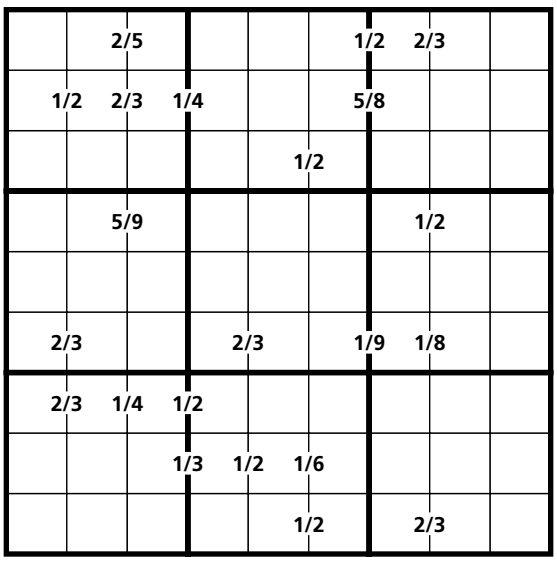


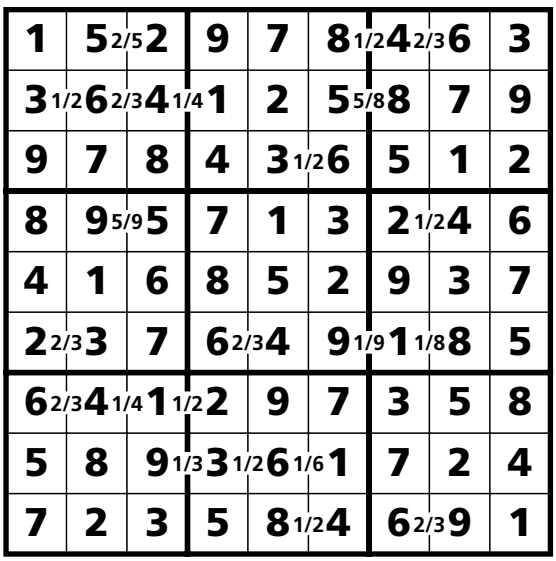


Ratio

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.

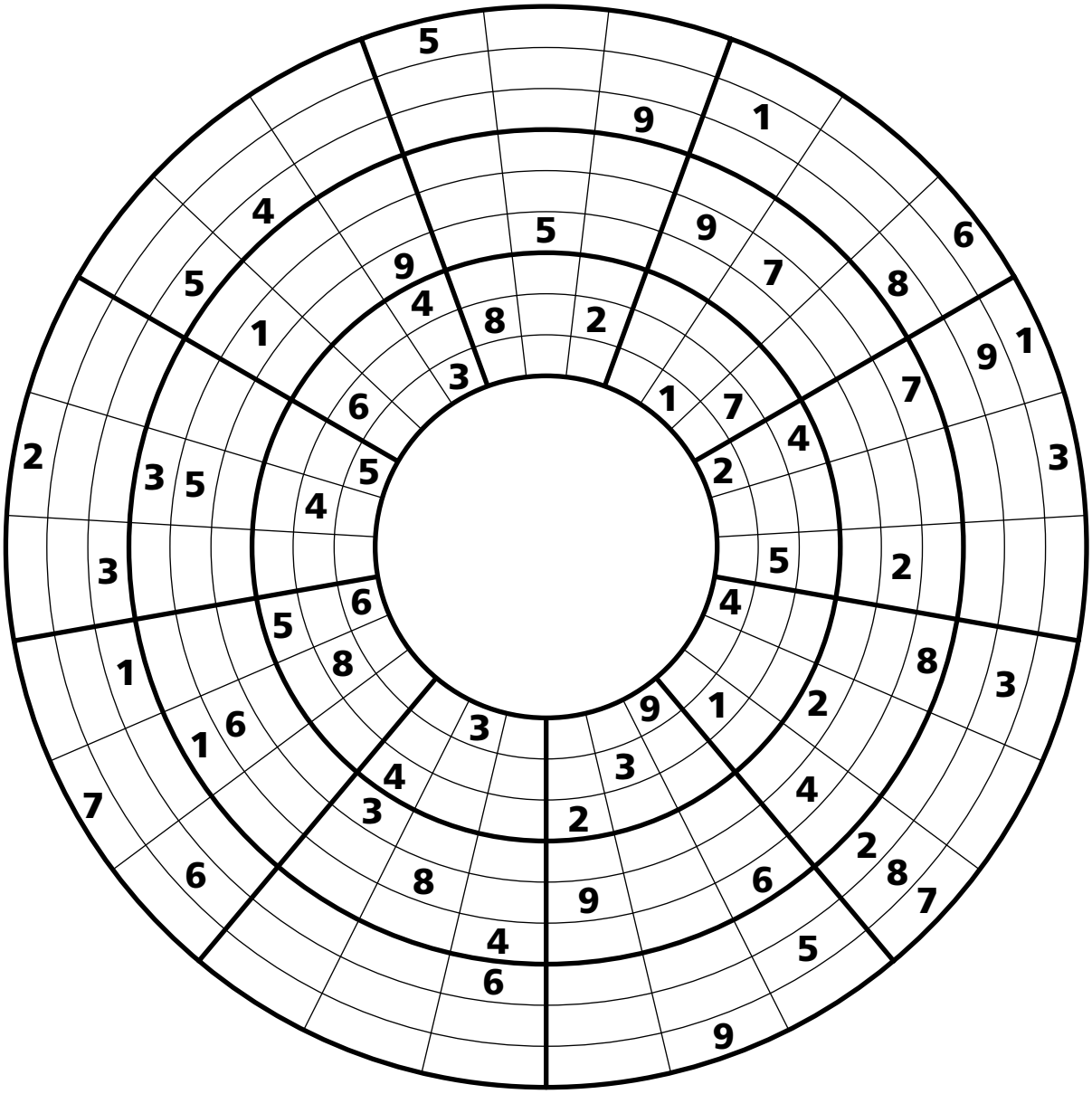
The special clue-numbers are fractions or ratios in the lowest terms. The clue-numbers are always placed on the border lines between selected pairs of neighbouring cells of the grid.

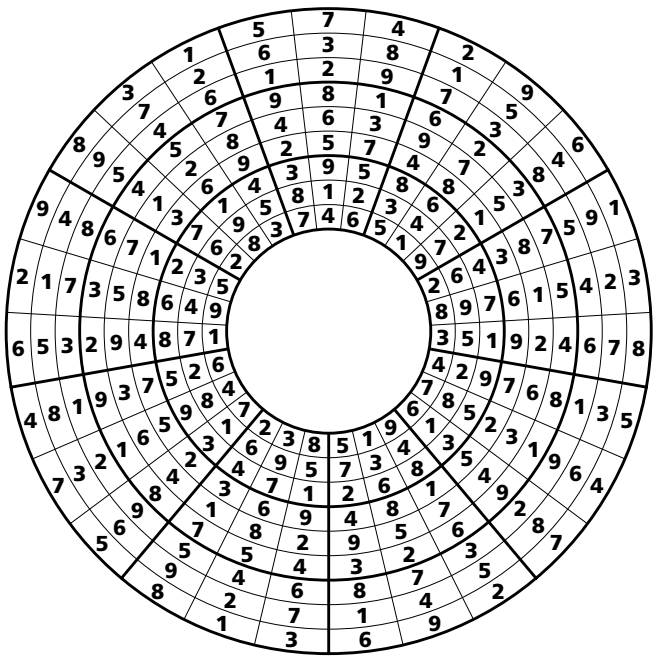




Ring

Place a digit from 1 to 9 into each of the empty cells so that each digit appears exactly once in each of the columns and rows of three consecutive sectors 3x9. Each three consecutive sectors 3x9 form the standard sudoku 9x9.





Roll 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, the nine outlined 3x3 regions and in each of the two main diagonals. Move the zones consisting of 3 rows to the left or right so that 3 sudoku grids could be solved. Each zone consists of 3 rows so if moving one zone you have to move all three rows. If you for example move the zone to the left the moved columns from the left side will appear on the right side.

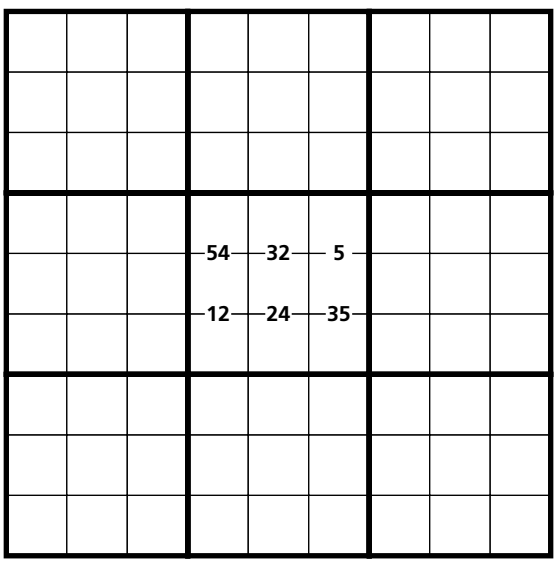
								4	6	8	7	5	2	9	3	1										
								7	1	3	9	6	8	5	2	4										1
								9	5	2	3	4	1	8	7	6										
														5	7	1	8	3	6	4	9	2				
														8	4	9	2	7	5	6	1	3		1		
														2	3	6	4	1	9	7	5	8				
						6	8	5	1	2	7	3	4	9												
						1	9	4	5	8	3	2	6	7												
						3	2	7	6	9	4	1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

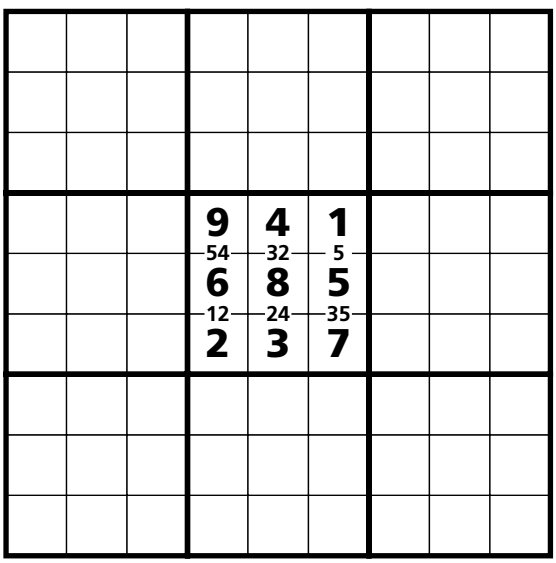
									4	6	8	7	5	2	9	3	1									
1									7	1	3	9	6	8	5	2	4									
									9	5	2	3	4	1	8	7	6									
									5	7	1	8	3	6	4	9	2									
									8	4	9	2	7	5	6	1	3		1							
									2	3	6	4	1	9	7	5	8									
									6	8	5	1	2	7	3	4	9									
									1	9	4	5	8	3	2	6	7									
2									3	2	7	6	9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

7 x 5 = 35

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.

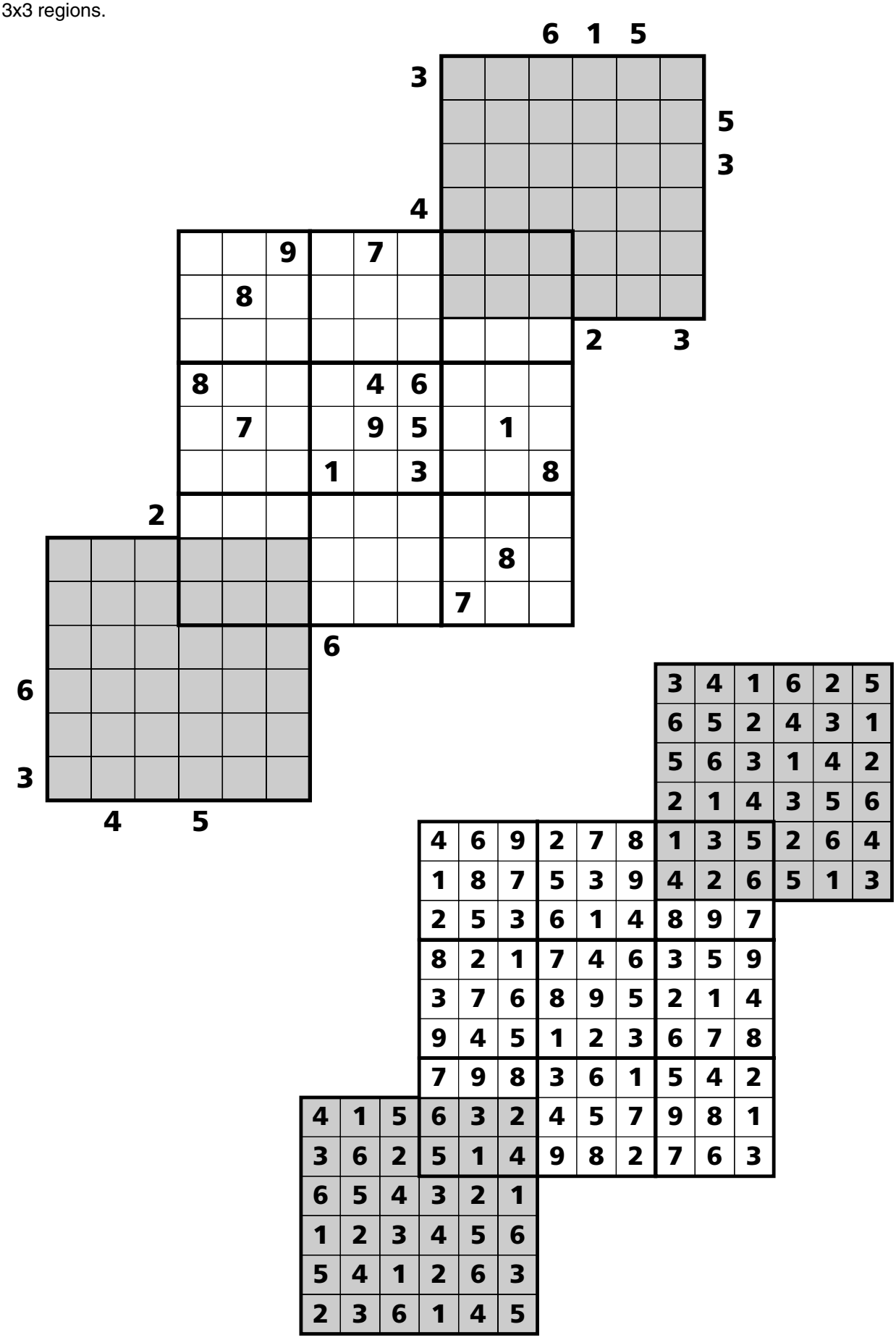
Small numbers always placed on the border lines between selected pairs of neighbouring cells of the grid are the products of two numbers that should be in the respective pair of the neighbouring cells just above and below the clue-number.





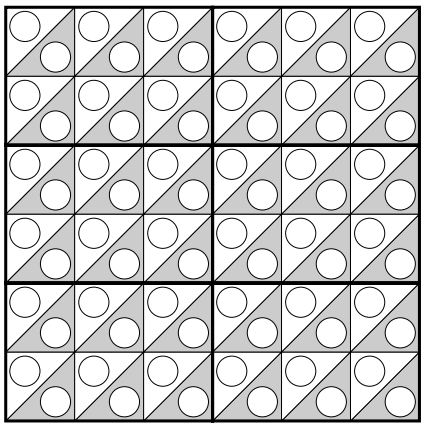
Skyscrapers

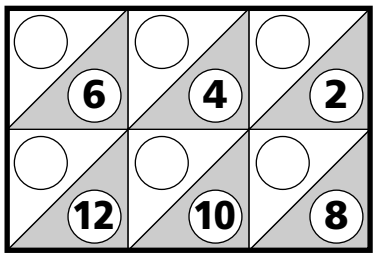
First solve two puzzles Skyscrapers in grey squares. Each row and column contain buildings of different heights. The numbers outside the grid indicate how many buildings are visible from that direction (the higher buildings hide the lower ones behind them). Use the obtained digits and solve sudoku. Place 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.

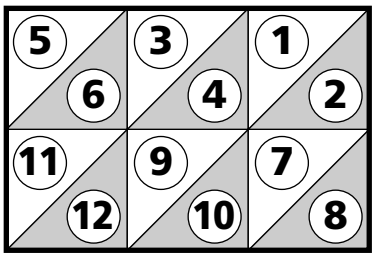


Slant Numbers

Every square cells of a 6x6 square grid is divided diagonaly into two triangle sub-cells (white and grey) so that there are six vertical and six horizontal lines each consisting of twelve triangle sub-cells. Fill in the whole 6x6 grid with numbers 1 through 12 (one number per triangle subcell) so that each horizontal line, each vertical line, and each of the six 2x3 rectangles (outlined with the bold lines) must contain all the twelve different numbers 1 through 12. In each 1x1 square cell of the grid the bottom number (on the grey triangle) always must be greater than the top one on the white triangle.



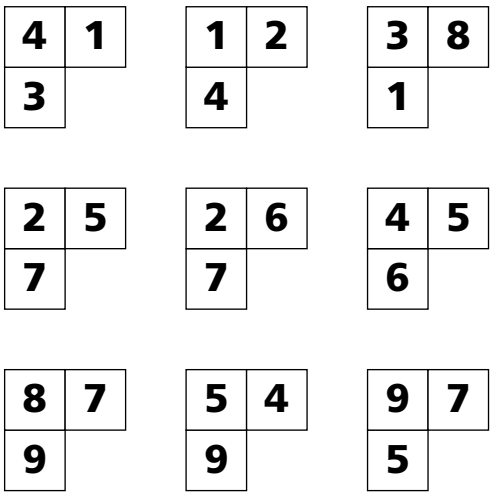


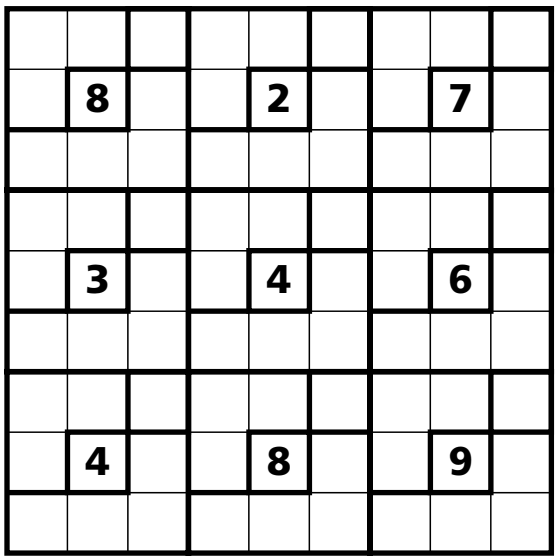


Small pieces

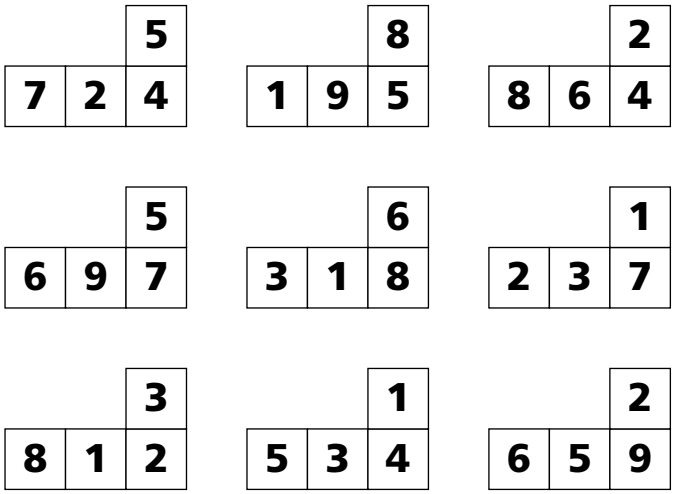
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

Put the small pieces with numbers into the grid. The pieces can not be rotated and mirrored.



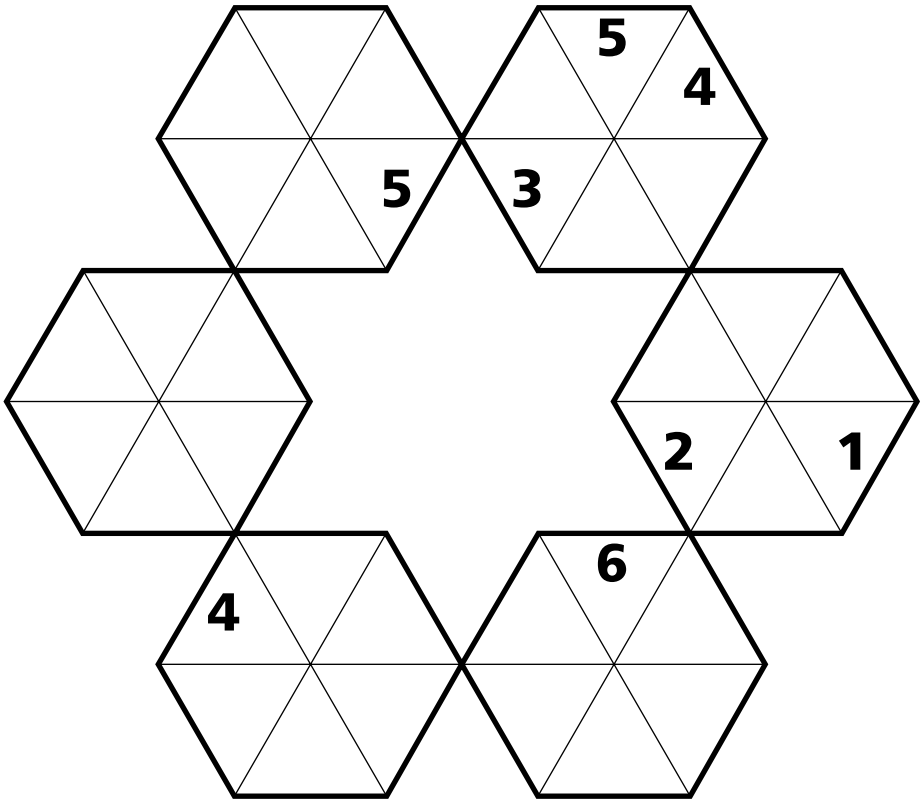


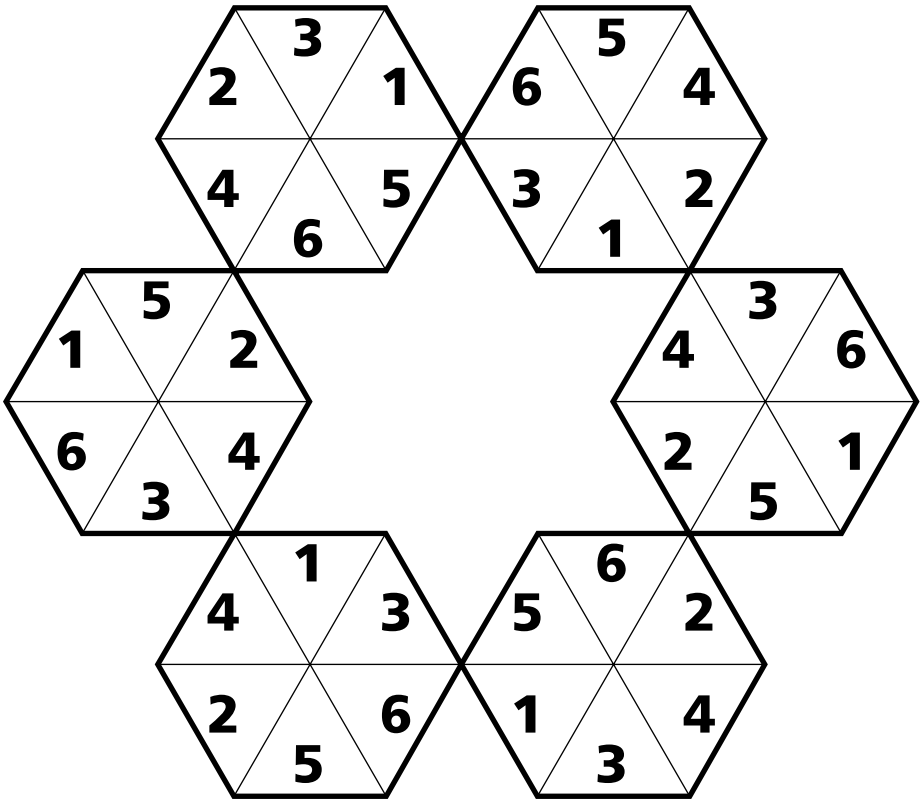
1	2	3	8	7	6	4	5	9
4	8	5	9	2	1	6	7	3
6	9	7	5	3	4	8	1	2
9	7	1	2	6	3	5	4	8
5	3	2	7	4	8	9	6	1
8	6	4	1	9	5	2	3	7
2	5	9	4	1	7	3	8	6
7	4	6	3	8	2	1	9	5
3	1	8	6	5	9	7	2	4



Snowflake

Place a digit from 1 to 6 into each of the hexagons so that each digit appears exactly once in each of the hexagons and in one horizontal and two diagonal directions.

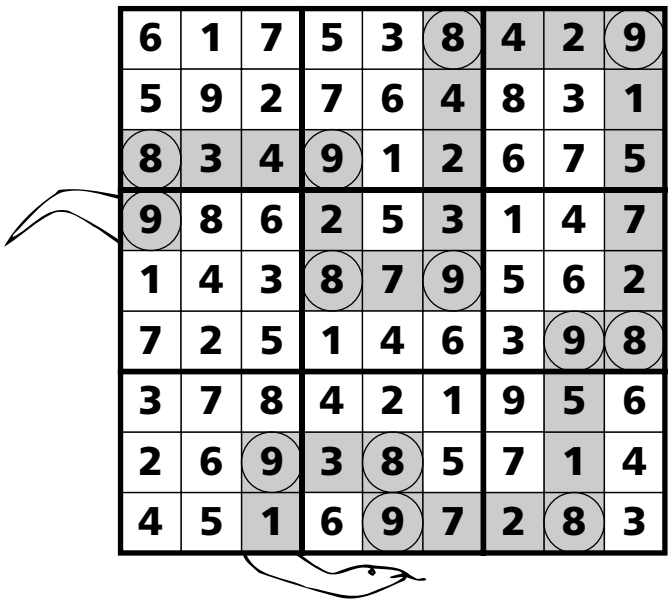




Sssssssudoku sssssssnake

First solve the puzzle Snake. Draw the snake 32 long, the parts of the body do not touch, not even diagonally. The numbers outside the grid show number of squares occupied by a snake in a certain row or column. You can place only digits 8 or 9 in the cells with snake turning (including head and tail). Then solve 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.

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



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

Standard

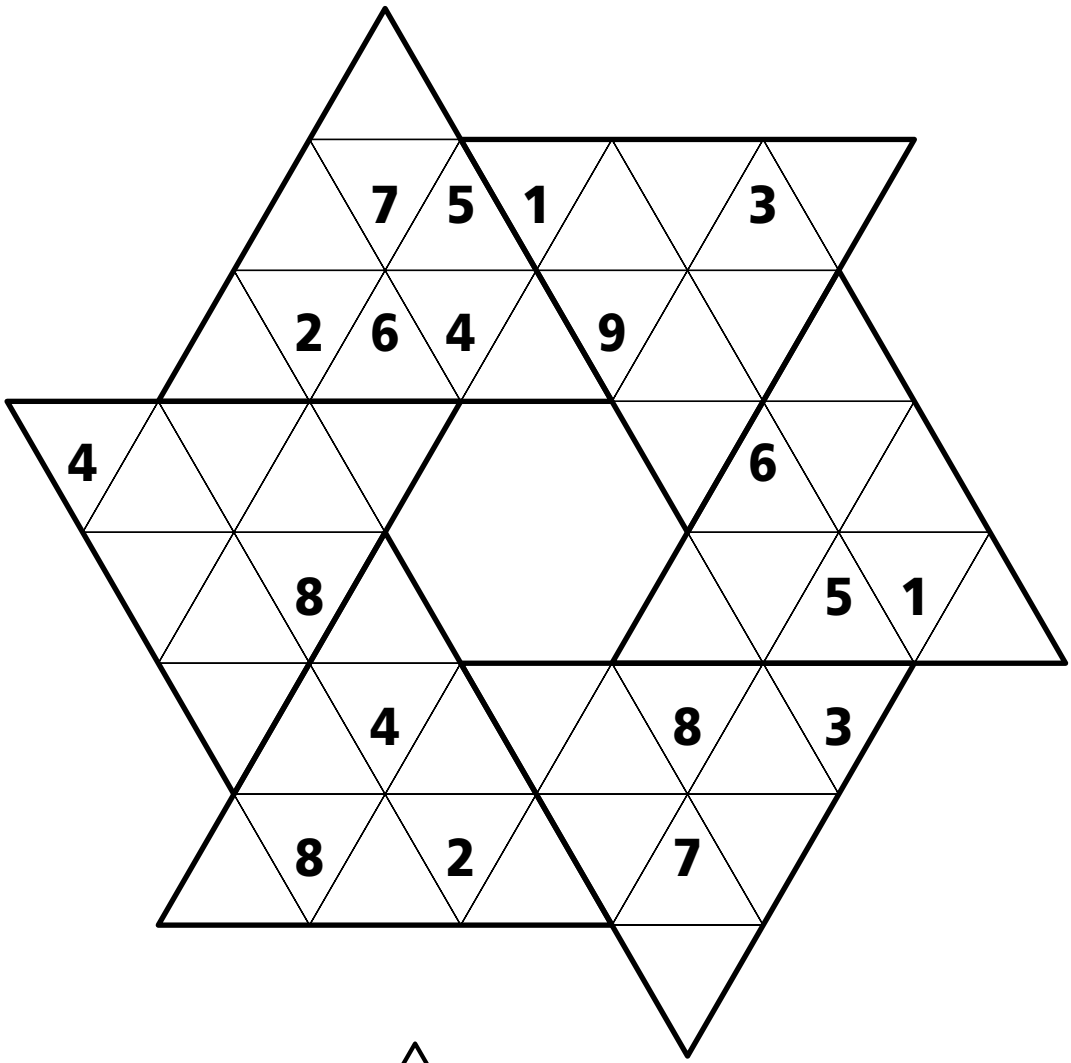
Place a digit from 1 to 9 into each of the empty squares so that each digit appears exactly once in each of the rows, columns and the nine outlined 3x3 regions.

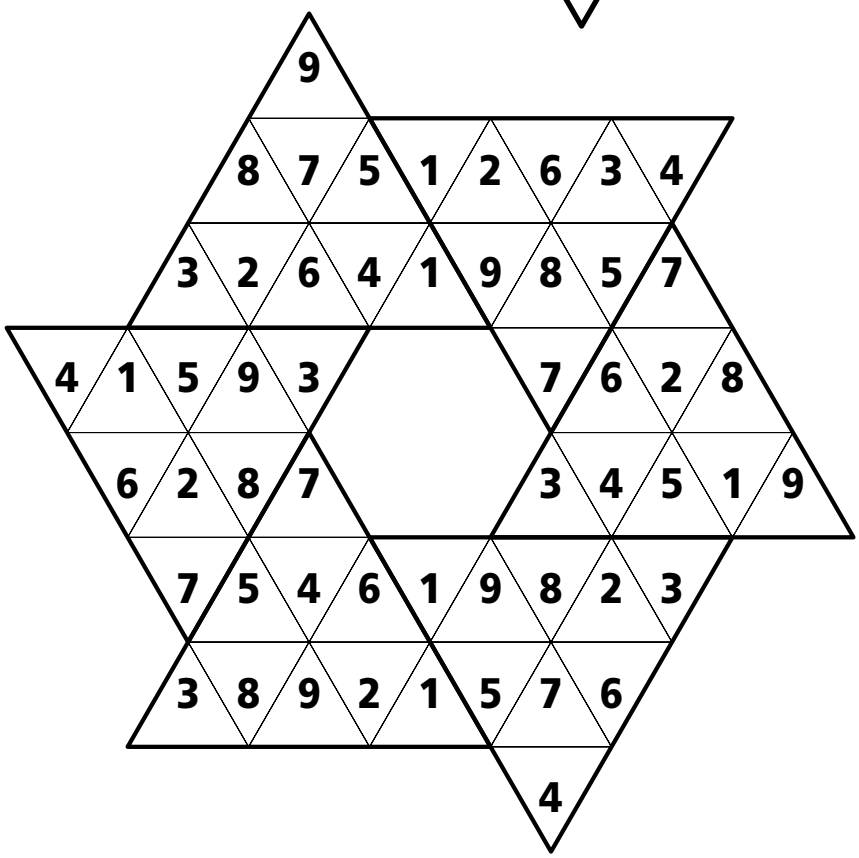
		1		2		6		
4						1	7	
				1			4	
	2		3					5
1			2	9	8			
9	4					8		
				3	6			9
6	7				4			

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

Star

Place a digit from 1 to 9 into each of the empty triangular cells so that each digit appears exactly once in each of the 6 large triangles and every line (of any length, even noncontinuous).

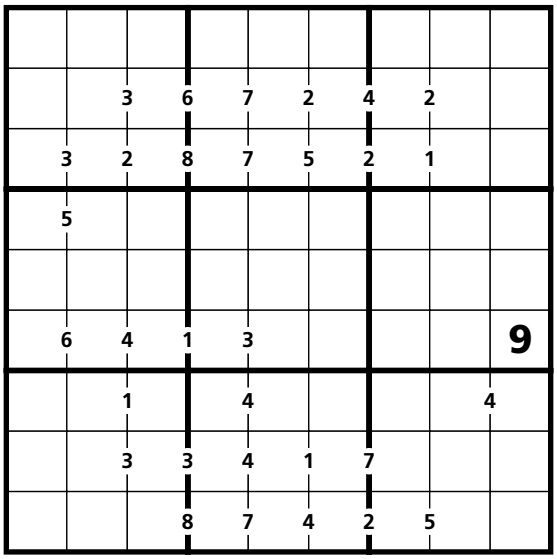


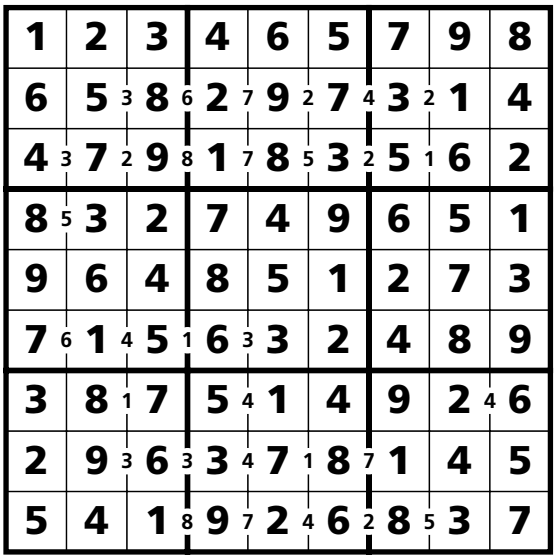


3 – 2 = 1

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.

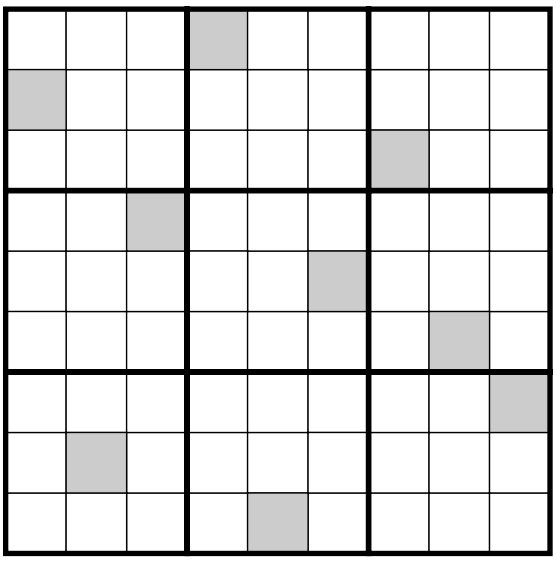
Small clue-numbers are placed on the border lines between selected pairs of neighbouring cells of the grid. Each clue-number is the difference between the two numbers that should be in the neighbouring cells just to the right and to the left of that clue-number.





Transfer

We have erased in the filled sudoku grid the digits in grey cells. Then four digits in every row are transfered to the right one after another. Four digits in every column are transfered down one after another. Restore all digits in the grid.



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

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

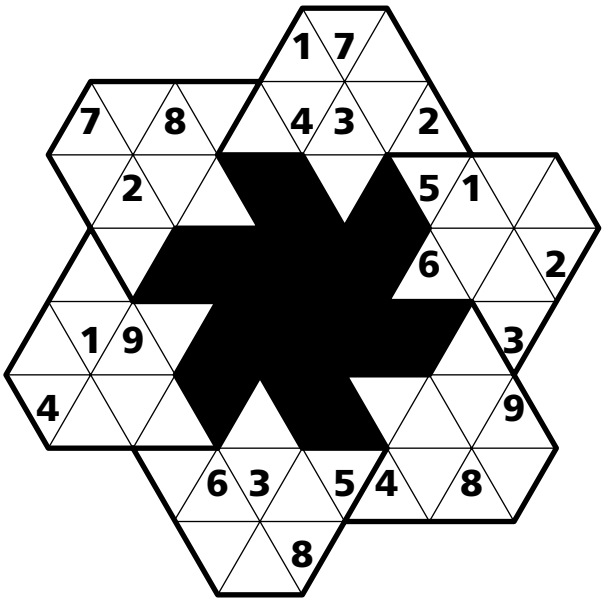
8	3	5	9	7	1	6	4	2
1	6	2	5	8	4	9	3	7
7	9	4	3	2	6	8	1	5
9	4	8	2	1	5	3	7	6
6	5	3	7	4	9	2	8	1
2	1	7	6	3	8	5	9	4
5	7	6	1	9	3	4	2	8
3	8	1	4	5	2	7	6	9
4	2	9	8	6	7	1	5	3

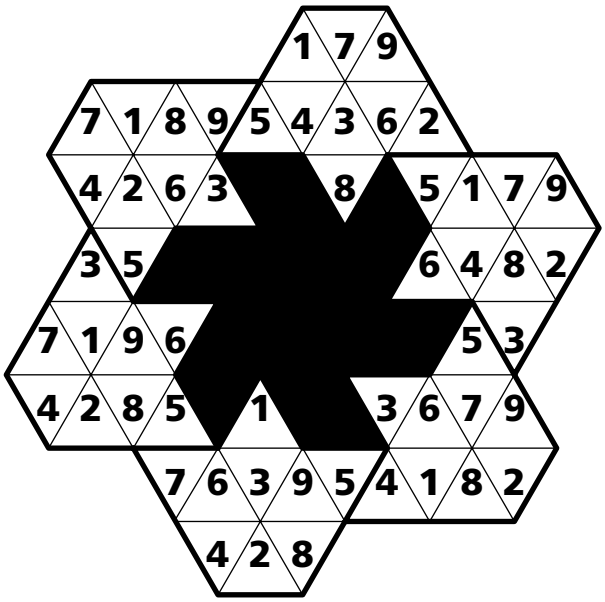
Transparent sudoku

Only two of the following three sudoku grids are solvable. Put the two correct sudoku in proper position and transfer one over another and solve the created 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.

Triangles

Place a digit from 1 to 9 into each of the empty triangles so that each digit appears exactly once in each of the outlined shapes and in one horizontal and two diagonal directions.





Twins

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.

This variant consists of a pair of standard sudoku puzzles with starting digits. Substitute the equivalent values of the digits from one corresponding sudoku into the other.

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

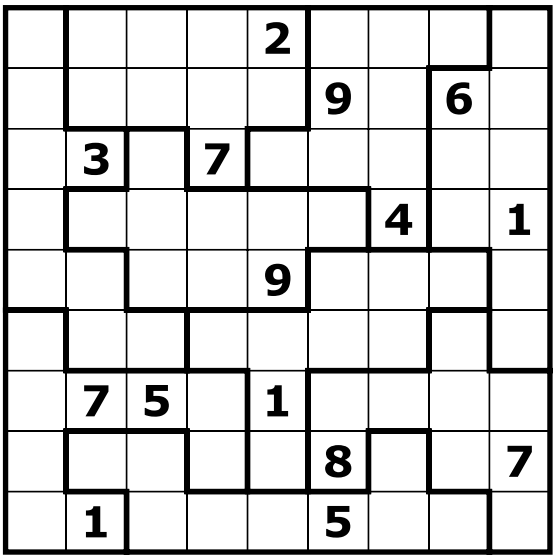
		1	6			9		7
7					3			
	5			8				3
2								8
			4					
		2					8	
	7			2	4			
					8			5

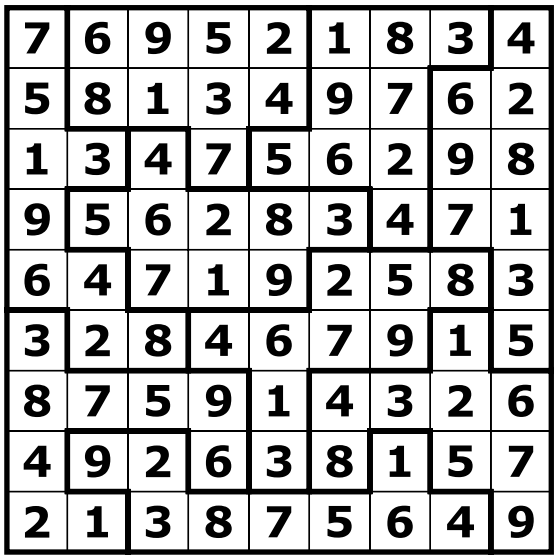
5	1	3	9	6	2	7	8	4
4	8	6	7	3	5	1	2	9
7	2	9	8	1	4	6	3	5
8	6	5	2	7	9	3	4	1
1	7	4	6	5	3	2	9	8
3	9	2	1	4	8	5	6	7
9	5	8	3	2	7	4	1	6
2	4	1	5	8	6	9	7	3
6	3	7	4	9	1	8	5	2

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

Untouchable 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 regions. Cells with the same digits cannot touch each other even diagonally.

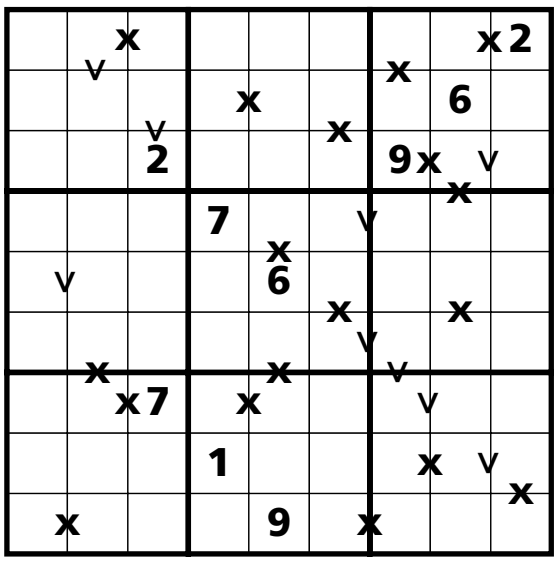


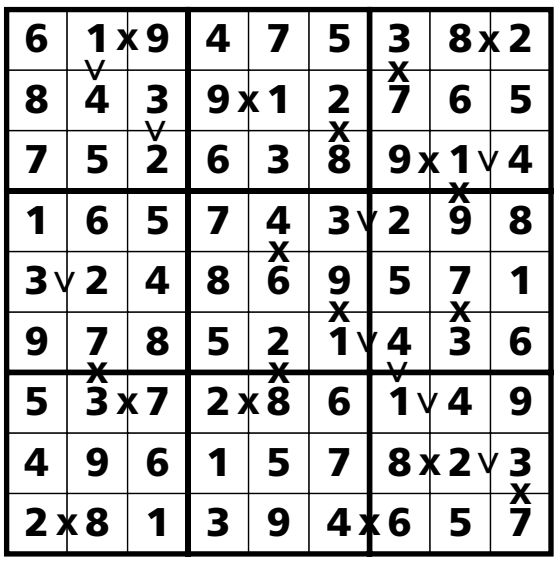


XV

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.

All horizontally and vertically neighbouring digits with the sum 10 are marked **X**,
all horizontally and vertically neighbouring digits with the sum 5 are marked **V**.





Zigzag

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. Additionally, each digit appears exactly once in each of the two main diagonals. The neighbouring cells linked with the line contain digits in arithmetical series.