Instructions

Sudoku has one very simple rule: place a digit from 1 to 9 in each of the empty squares in the grid, so that each row, column and bold-lined 3×3 box contains every digit exactly once.

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

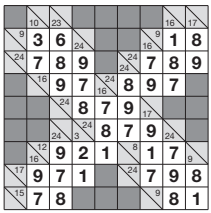
Solved example

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

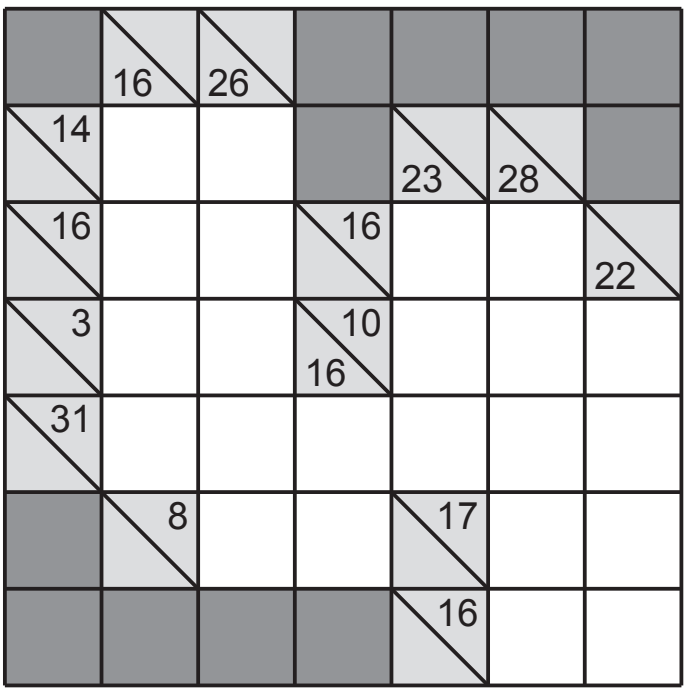
Solving hint: For each number from 1 to 9, check every row, column and 3x3 box to see if there is only one place it can fit in that region. For example, in the top-right 3x3 box there is only one place that a 1 can fit.

Instructions

Place a digit from 1 to 9 into each white square. Each horizontal run of white squares must add up to the total above the diagonal line to the left of the run, and each vertical run of white squares must add up to the total below the diagonal line above the run. **No digit can be used more than once in any run.**



Solved example

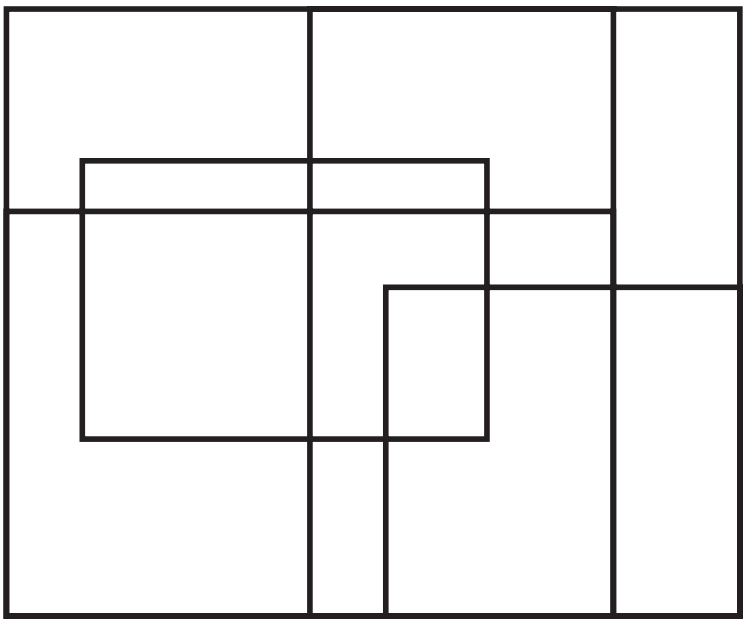


Solving hint: Start by considering the square where the '16' and '23' clues intersect. The solution to the '16' must be 7+9, while the solution to the '23' must be 6+8+9. This means the only number in common is 9, so that value must go in the intersecting square.

If you get stuck, copy a few solution digits back into the grid from the next page in order to get you started.

SHAPE COUNT

Look at the drawing below, then answer the questions that refer to it:



- How many corners (┐┘└┌), not counting 'T' or '+' junctions, are there in this illustration?
- How many rectangles can you form by tracing along the lines in various ways?
- How many different colours would you need to colour in the interior of each shape so that no two coloured shapes were touching one another (not counting diagonal touching)?
- How many intersections are there where a '+' sign is formed?
- And how many intersections are there where a 'T' is formed?