



## Kakuro 9x9

The numbers given in a Kakuro are like clues. Each is a total to a sum and you have to work out which numbers add up to the total to fill the blank squares. Sounds easy, but each answer has to fit in with the other sums around it.

- Only the numbers 1 to 9 can be used.
- Each number can only be used once in each sum.
- Some combinations have only one solution.

They are called **KAKURO BLOCKS**.

Use the Kakuro blocks to help you solve the puzzle.

For example a total of 4 in 2 squares is a **KAKURO BLOCK**. It can't be 2 + 2 because each line of numbers can contain only one of each numeral. So the two squares can have only 1 or 3, though you don't know in what order the 1 and 3 go until you look at the other sums around them.

	4	7	16	8			16	35		
10						15				
					24					4
11					3					
	4			8				10		
				16						
		13				10	6			
		35					34			
	23				24					
	17				4					
17				7				24		
				3						
16			4			16				12
			8			16				
	15				29					
	6				30					

KAKURO BLOCKS		
SUM'S TOTAL	BLANK SQUARES	POSSIBLE NUMBERS
3	2	1,2
4	2	1,3
16	2	7,9
17	2	8,9
<hr/>		
6	3	1,2,3
7	3	1,2,4
23	3	6,8,9
24	3	7,8,9
<hr/>		
10	4	1,2,3,4
11	4	1,2,3,5
29	4	5,7,8,9
30	4	6,7,8,9
<hr/>		
15	5	1,2,3,4,5
16	5	1,2,3,4,6
34	5	4,6,7,8,9
35	5	5,6,7,8,9

### Solution:

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

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