

Kakurasu

Getting started

- The goal is to find the squares whose numbers add to the bold-faced numbers on the right and on the bottom of the grid.
- The value of each square is either on the left (if you are adding horizontally) or on the top (if you are adding vertically).
- There is only one possible solution for each puzzle.
- Use logic - you never need to guess!

Here is one way to get to the solution:

	1	2	3	4	
1					3
2	X		X	X	2
3					6
4					6
	5	10	4	3	

There is only one way to get 2.

	1	2	3	4	
1					3
2	X		X	X	2
3					6
4					6
	5	10	4	3	

There is only one way to get 10: $1+2+3+4$.

	1	2	3	4	
1				X	3
2	X		X	X	2
3	X		X		6
4				X	6
	5	10	4	3	

Now there is only one way to get 3 in the last column, as we can't use $1+2$. This also takes care of the 6 in the third row ($2+4$).

	1	2	3	4	
1			X	X	3
2	X		X	X	2
3	X		X		6
4				X	6
	5	10	4	3	

The rest of the puzzle falls into place!