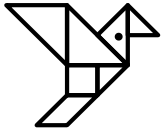


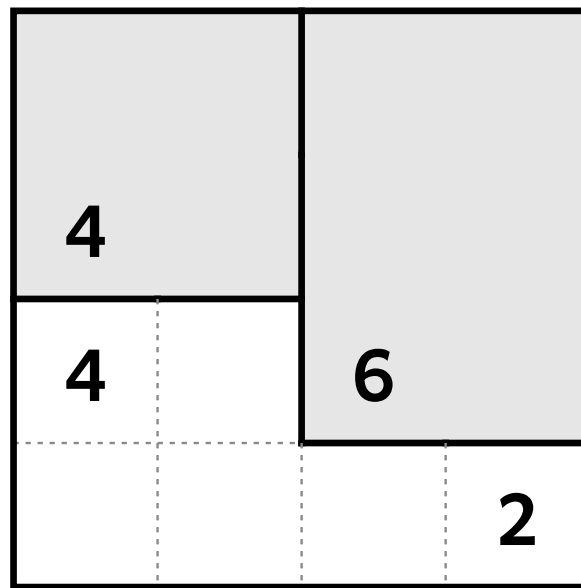


Learn a new puzzle

Rectangle Split



Draw rectangles. Each holds one number: its count of squares.



- 1 Each number tells how many squares its rectangle has.
- 2 Find a number that fits only one way. Draw it.
- 3 Every square ends up in one rectangle.



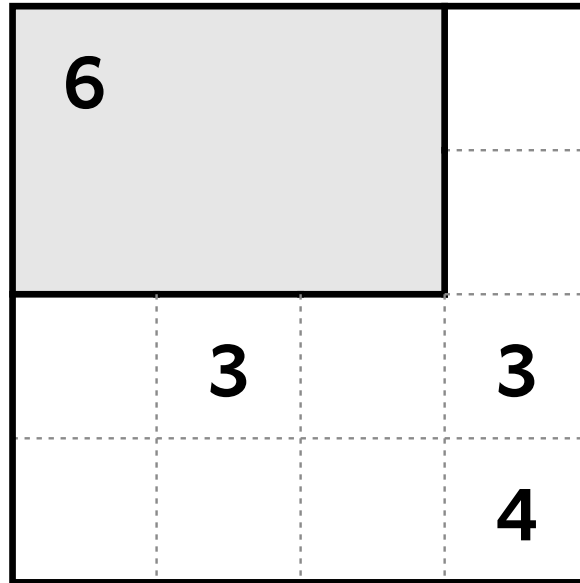
Can you see why the 4 is 2 rows of 2?



1

Rectangle Split

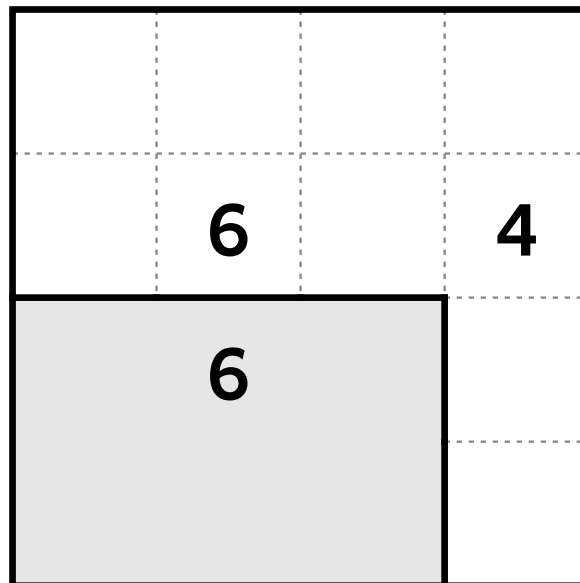
Draw rectangles. Each holds one number: how many squares it has. One is done.



2

Rectangle Split

Draw rectangles. Each holds one number: how many squares it has. One is done.

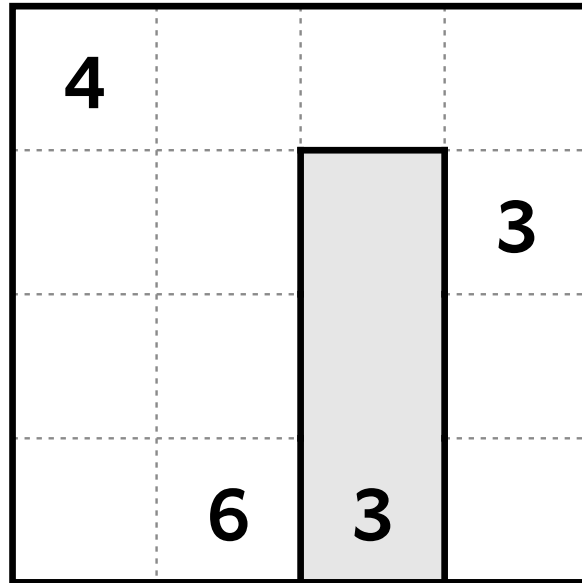




3

Rectangle Split

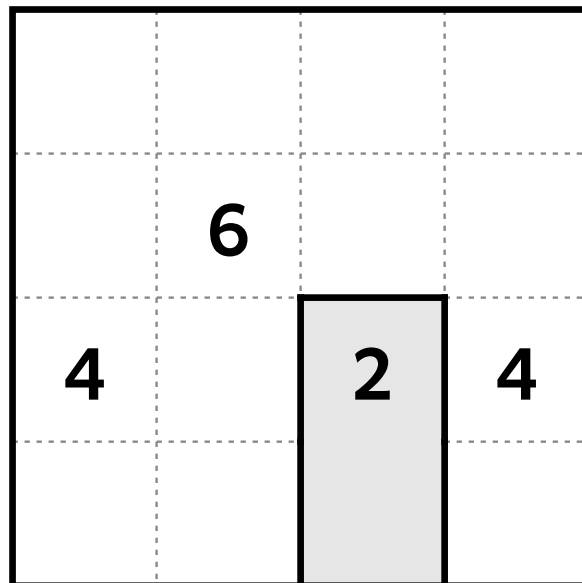
Draw rectangles. Each holds one number: how many squares it has. One is done.



4

Rectangle Split

Draw rectangles. Each holds one number: how many squares it has. One is done.

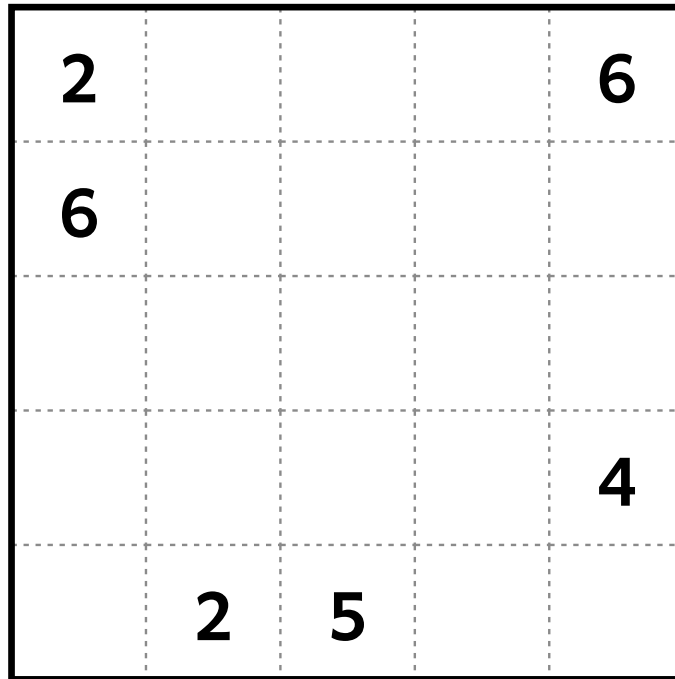




5

Rectangle Split

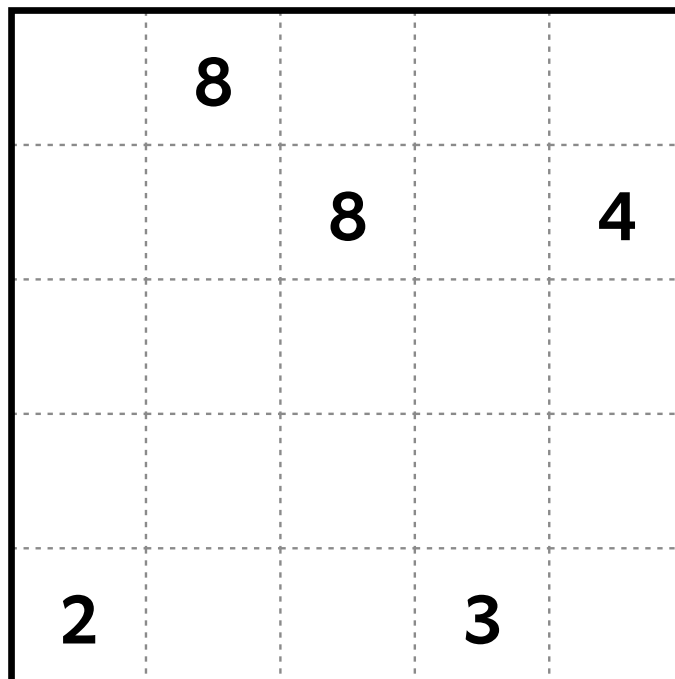
Draw rectangles. Each holds one number: how many squares it has.



6

Rectangle Split

Draw rectangles. Each holds one number: how many squares it has.

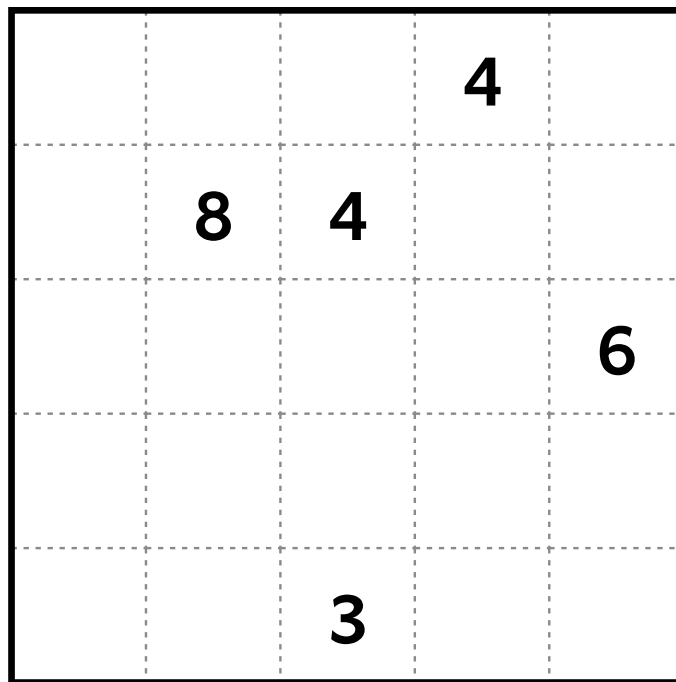




7

Rectangle Split

Draw rectangles. Each holds one number: how many squares it has.





8

Rectangle Split

Draw rectangles. Each holds one number: how many squares it has.



	8			2	
				3	
					4
9			2		
			2		
4					2



9

Rectangle Split

Draw rectangles. Each holds one number: how many squares it has.



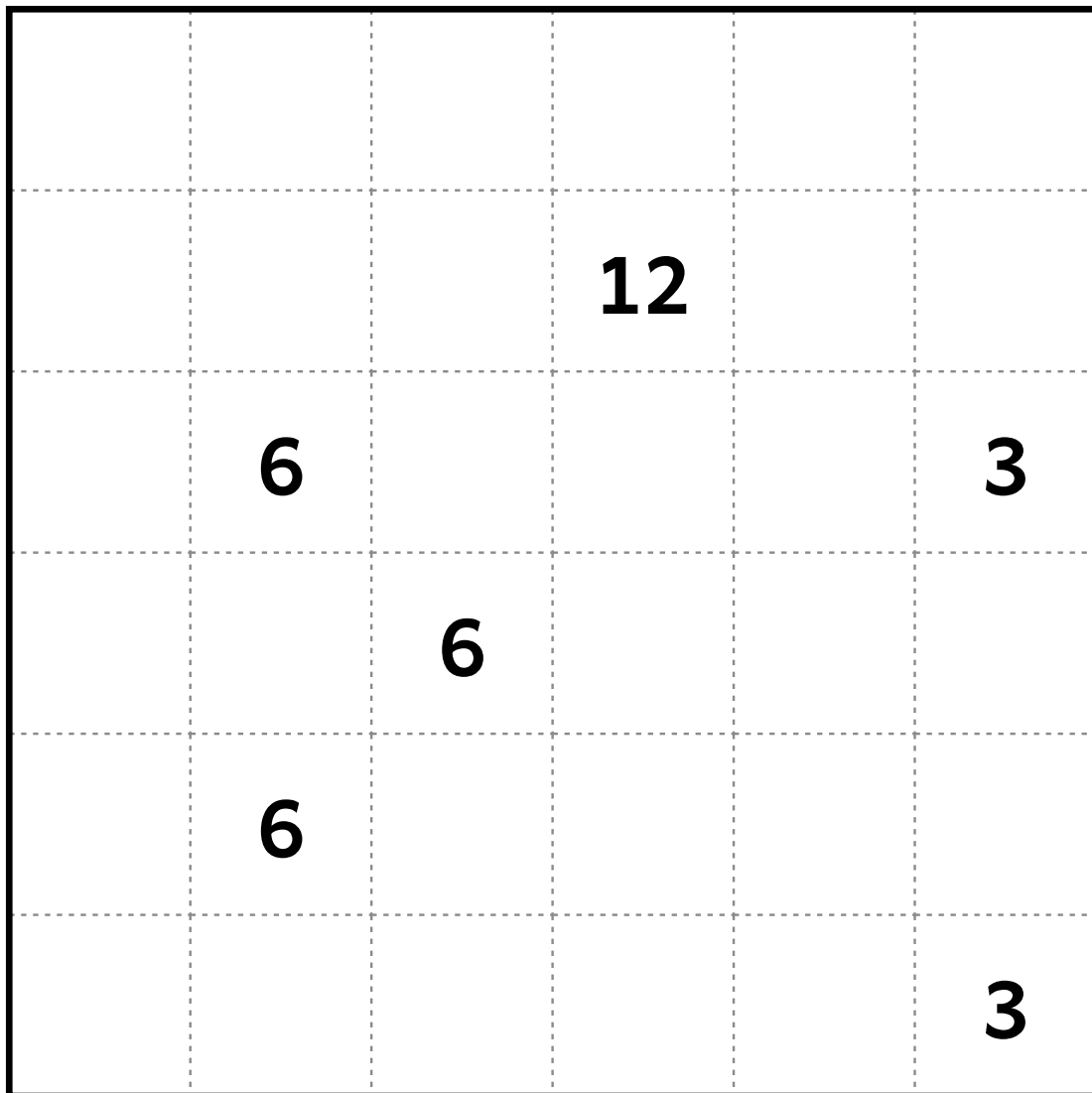
					4
6					
			5	6	
		3			2
	8	2			



10

Rectangle Split

Draw rectangles. Each holds one number: how many squares it has.



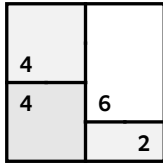


Answers

For grown-ups. Cut off or keep this page aside until the puzzles are done.

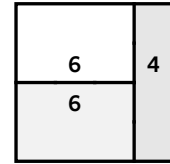
Learn · Rectangle Split

#1



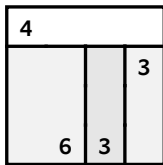
Start with the 4: only one rectangle of 4 squares fits there: one row of 4.

#2



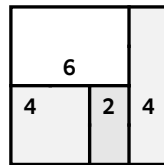
Start with the 6 in row 2: only one rectangle of 6 squares fits there: 2 rows of 3.

#3



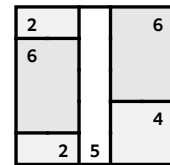
Start with the 6: only one rectangle of 6 squares fits there: 3 rows of 2.

#4



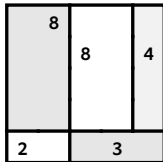
Start with the 4 in column 4: only one rectangle of 4 squares fits there: one column of 4.

#5



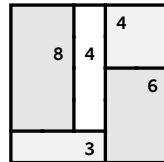
Start with the 5: only one rectangle of 5 squares fits there: one column of 5.

#6



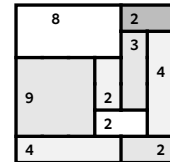
Start with the 8 in row 1: only one rectangle of 8 squares fits there: 4 rows of 2.

#7



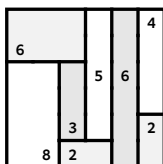
Start with the 8: only one rectangle of 8 squares fits there: 4 rows of 2. Only the 4 in row 1 can reach the top-right corner square.

#8



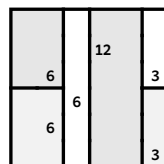
Start with the 8: only one rectangle of 8 squares fits there: 2 rows of 4. Only the 8 can reach the top-left corner square.

#9



Start with the 8: only one rectangle of 8 squares fits there: 4 rows of 2. Only the 6 in row 3 can reach the empty square in row 6, column 5.

#10



Start with the 12: only one rectangle of 12 squares fits there: 6 rows of 2. Some squares are covered by the 6 whichever way it goes, so the 12 cannot use them.