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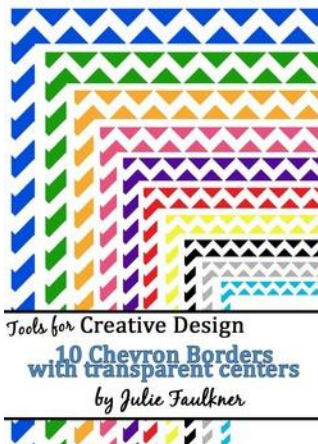
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Lattice

Step 1

Take each factor and break it down into digits. Write the digits for the first factor going across the page, and the second digits on the left going down the page.

Sample: 45×72		Your Turn: 39×25	
4	5		
		7	
		2	

Step 2

Make a grid for so that each digit has a box. (complete yours in the box above)

		Sample: 45×72	
4	5		
		7	
		2	

Step 3

Divide each box into halves by starting in the top right corner and moving to the bottom left corner. You can have the diagonal lines continue so that they are outside of the grid boxes. This will help you with your answer!!

Sample: 45×72

4	5	
7		
2		

Step 5

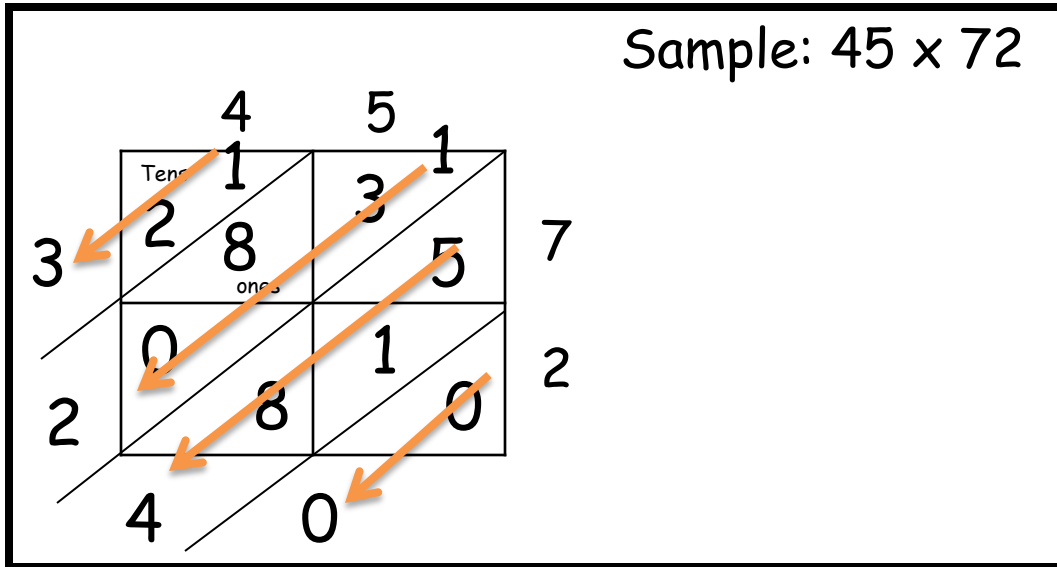
Work through the grid and multiply each number together. Write the answers in the box. The number in the tens place goes in the upper part of the box, the number in the ones places goes in the lower part of the box. If there is not a tens, put a zero.

Sample: 45×72

4	5	
Tens 2	8	3
0	ones 8	5
	1	0
		7
		2

Step 6

To finish, you just add down the diagonal lines.



Step 6

To figure out your product, read the numbers from the left of the grid around to the bottom of the grid.

The answer to my problem is 3,240