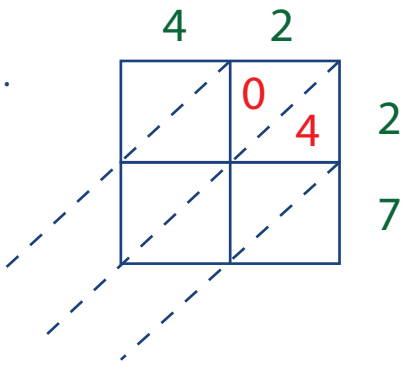
Let's Do Lattice Multiplication

Let's do double digit lattice multiplication. Remember the number with the most digits determines the columns and the number with the least amount of digits determines the rows. With double digits we have 4 numbers so we need four boxes.

For example let's try:

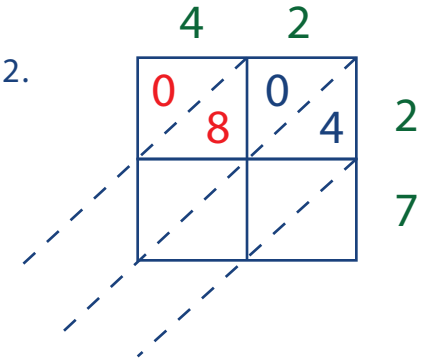
42 x 27 = ____

1.



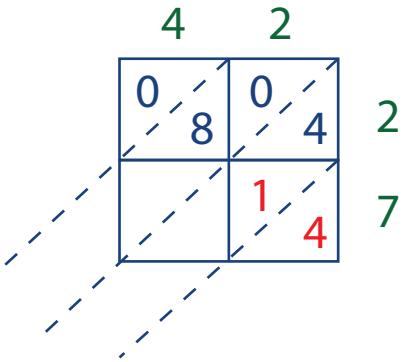
Each triangle in the square gets it's own digit. If the answer is a single digit, put 0 in the first triangle.

2.



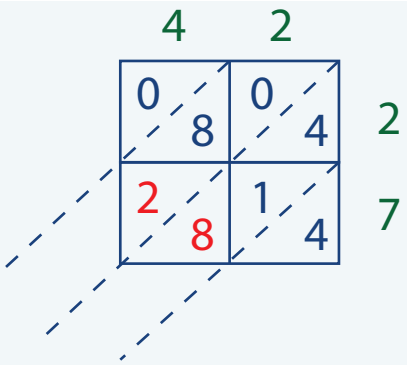
Multiply each single digit on the right side by the single digits on the top.

3.

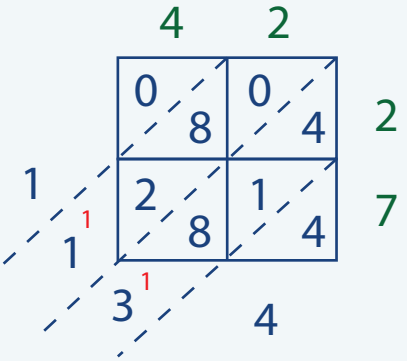


Do the same for the rest of your lattice.

4.



5.



Finish by adding up the numbers diagonally, starting at the bottom right corner.

*Remember to carry the ones!

Your answer is 1134.

Now try on your own on a separate piece of paper: 33 x 58 = _____