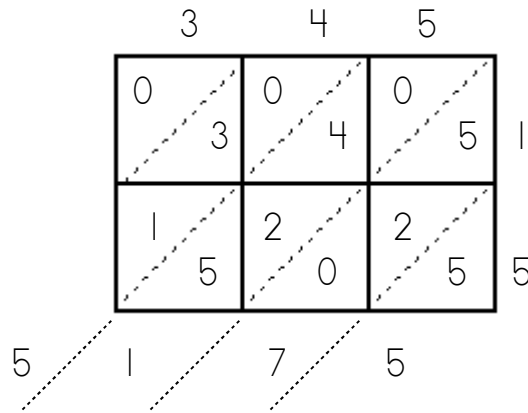


Name: \_\_\_\_\_

# Lattice Multiplication

Solve:  $345 \times 15$



Answer:  $345 \times 15 = 5,175$

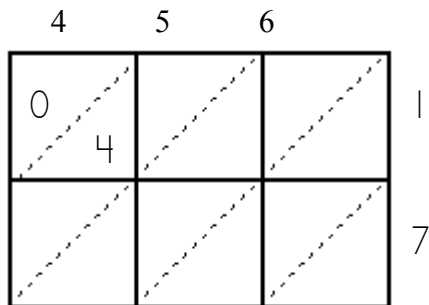
Step 1: Write the numbers you're multiplying along the top and side of the grid.

Step 2: Multiply the single digits on the top by the single digits on the side to fill in the squares.

Step 3: Add diagonally to find your answer.

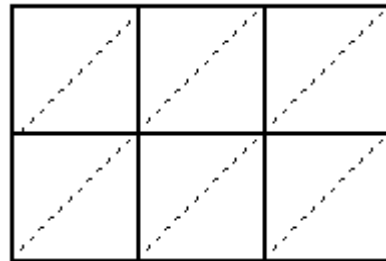
Note: When adding, you may have to carry double digit sums to the next place.

Find  $456 \times 17$ .



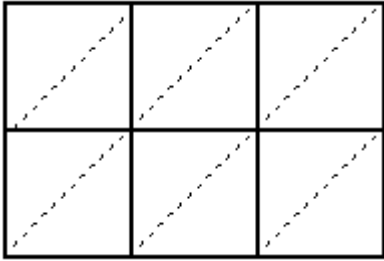
Answer: \_\_\_\_\_

Find  $561 \times 23$ .



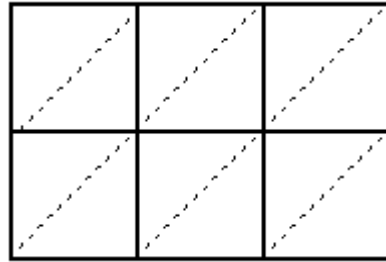
Answer: \_\_\_\_\_

Find  $211 \times 16$ .



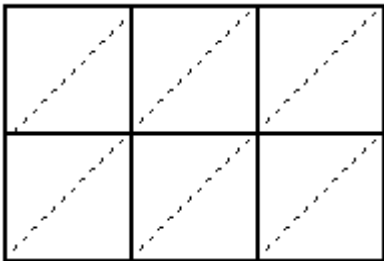
Answer: \_\_\_\_\_

Find  $355 \times 18$ .



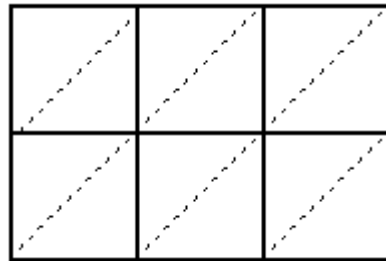
Answer: \_\_\_\_\_

Find  $123 \times 45$ .



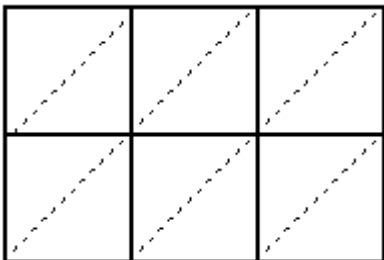
Answer: \_\_\_\_\_

Find  $668 \times 92$ .



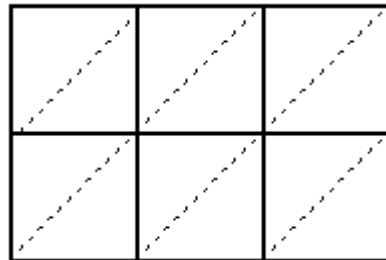
Answer: \_\_\_\_\_

Find  $132 \times 33$ .



Answer: \_\_\_\_\_

Find  $841 \times 46$ .



Answer: \_\_\_\_\_