

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Draw an area model. Then, solve using the standard algorithm. Use arrows to match the partial products from your area model to the partial products in your algorithm.

a.  $273 \times 346$

$$\begin{array}{r} 273 \\ \times 346 \\ \hline \end{array}$$

b.  $273 \times 306$

$$\begin{array}{r} 273 \\ \times 306 \\ \hline \end{array}$$

- c. Both Parts (a) and (b) have three-digit multipliers. Why are there three partial products in Part (a) and only two partial products in Part (b)?

2. Solve by drawing the area model and using the standard algorithm.

a.  $7,481 \times 290$

b.  $7,018 \times 209$

3. Solve using the standard algorithm.

a.  $426 \times 357$

b.  $1,426 \times 357$