

Name _____

Date _____

1. Draw an area model, and 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 (a) and only two partial products in (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. 426×357 c. 426×307
- b. $1,426 \times 357$ d. $1,426 \times 307$
4. The Hudson Valley Renegades Stadium holds a maximum of 4,505 people. During the heights of their popularity, they sold out 219 consecutive games. How many tickets were sold during this time?
5. At the farmer's market, each of the 94 vendors makes \$502 in profit each weekend. How much profit will all vendors make on Saturday?