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 × 346

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

   b. 273 × 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 × 290

   b. 7,018 × 209

3. Solve using the standard algorithm.

   a. 426 × 357

   b. 1,426 × 357

c. 426 × 307

d. 1,426 × 307

4. The Hudson Valley Renegades Stadium holds a maximum of 4,505 people. During the height of their popularity, they sold out 219 consecutive games. How many tickets were sold during this time?

5. One Saturday at the farmer's market, each of the 94 vendors made $502 in profit. How much profit did all vendors make that Saturday?

Answer Key

1. a. 94,458
   b. 83,538
   c. Answers will vary.
2. a. 2,169,490
   b. 1,466,762
3. a. 152,082
   b. 509,082
   c. 130,782
   d. 437,782
4. 986,595
5. $47,188