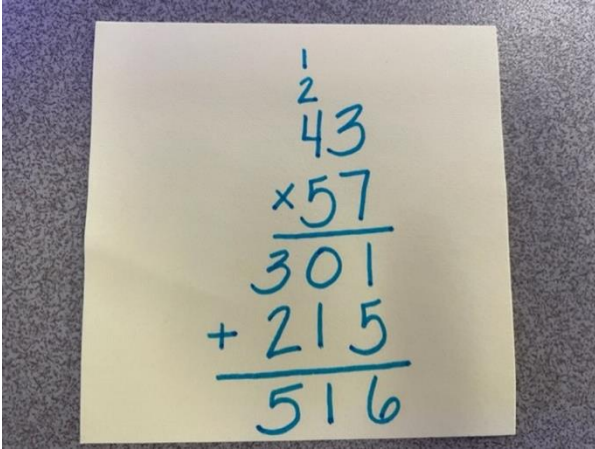


Name: _____

Date: _____

HOMEWORK 11

1. Jennifer's product is incorrect. Explain her error and solve the problem, correctly.



The image shows a handwritten multiplication problem on a piece of paper. The problem is:

$$\begin{array}{r} 1 \\ 2 \\ 43 \\ \times 57 \\ \hline 301 \\ + 215 \\ \hline 516 \end{array}$$

The student has written a multiplication problem where 43 is multiplied by 57. The partial products are 301 and 215, and the final product is 516. This is incorrect because the correct product of 43 and 57 is 2451.

2. Mr. Potter and his family baked 14 dozen sugar cookies to split evenly between the Burrell, Igo and Taylor Elementary Schools as a treat for the teachers. How many cookies did the Potter family give to each school?

3. The perimeter of a square is 36 ft. What is its area? Show how you know.

4. Mia and Hunter call a cab. The taxi driver charges \$1 flat fee when they get in the car. Then he charges them \$2 for each kilometer they travel. They have \$23 between them. How far can they travel?