- 1. Estimate. Then, solve using the standard algorithm. You may draw an area model if it helps you.
  - a. 1.21 × 14 ≈ \_\_\_\_\_ × \_\_\_\_ = \_\_\_\_

1.21

× 14

b. 2.45 × 305 ≈ \_\_\_\_\_ × \_\_\_\_ = \_\_\_\_

2.45 × 3 0 5





2. Estimate. Then, solve using the standard algorithm. Use a separate sheet to draw the area model if it helps you.



Lesson 12:

Reason about the product of a whole number and a decimal with hundredths using place value understanding and estimation.



3. Denise walks on the beach every afternoon. In the month of July, she walked 3.45 miles each day. How far did Denise walk during the month of July?

4. A gallon of gas costs \$4.34. Greg puts 12 gallons of gas in his car. He has a 50-dollar bill. Tell how much money Greg will have left, or how much more money he will need. Show all your calculations.

5. Seth drinks a glass of orange juice every day that contains 0.6 grams of Vitamin C. He eats a serving of strawberries for snack after school every day that contains 0.35 grams of Vitamin C. How many grams of Vitamin C does Seth consume in 3 weeks?



engage<sup>ny</sup>