- 1. Solve by drawing disks on a place value chart. Write an equation, and express the product in standard form.
  - a. 2 copies of 4 tenths

b. 4 groups of 5 hundredths

c. 4 times 7 tenths

d. 3 times 5 hundredths

e. 9 times as much as 7 tenths

4

f. 6 thousandths times 8

2. Draw a model similar to the one pictured below. Find the sum of the partial products to evaluate each expression.

a.  $4 \times 6.79$ 

7 tenths + 9 hundredths 6 ones  $4 \times 7$  tenths  $4 \times 9$  hundredths  $4 \times 6$  ones

Lesson 11:

Date:

Multiply a decimal fraction by single-digit whole numbers, relate to a written method through application of the area model and place value understanding, and explain the reasoning used.

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1.E.12

- b.  $6 \times 7.49$
- c. 9 copies of 3.65

d. 3 times 20.175

3. Leanne multiplied  $8 \times 4.3$  and got 32.24. Is Leanne correct? Use an area model to explain your answer.

4. Anna buys groceries for her family. Hamburger meat is \$3.38 per pound, sweet potatoes are \$0.79 each, and hamburger rolls are \$2.30 a bag. If Anna buys 3 pounds of meat, 5 sweet potatoes, and 1 bag of hamburger rolls, what will she pay in all for the groceries?



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