

Name \_\_\_\_\_

Date \_\_\_\_\_

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

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.  $4 \times 6.79$

	6 ones	+	7 tenths	+	9 hundredths	
4	4 × 6 ones	4 × 7 tenths	4 × 9 hundredths			
	+	_____	+	_____	= _____	_____

- 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?