

Name _____

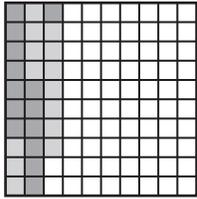
Multiply Decimals and Whole Numbers

Use the decimal model to find the product.

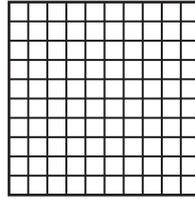


COMMON CORE STANDARD—5.NBT.B.7
Perform operations with multi-digit whole numbers and with decimals to hundredths.

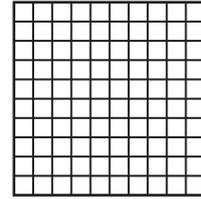
1. $4 \times 0.07 =$ 0.28



2. $3 \times 0.27 =$ _____



3. $2 \times 0.45 =$ _____



Find the product. Draw a quick picture.

4. $2 \times 0.8 =$ _____

5. $2 \times 0.67 =$ _____

6. $5 \times 0.71 =$ _____

7. $4 \times 0.23 =$ _____

Problem Solving

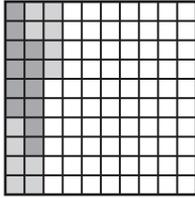
8. In physical education class, Sonia walks a distance of 0.12 mile in 1 minute. At that rate, how far can she walk in 9 minutes?

9. A certain tree can grow 0.45 meter in one year. At that rate, how much can the tree grow in 3 years?

10.  Explain how multiplying a whole number and a decimal is similar to and different from multiplying whole numbers.

Lesson Check (5.NBT.B.7)

1. What multiplication sentence does the model represent?



2. A certain type of lunch meat contains 0.5 grams of unsaturated fat per serving. How much unsaturated fat is in 3 servings of the lunch meat?

Spiral Review (5.OA.A.1, 5.NBT.A.2, 5.NBT.A.3b, 5.NF.B.3)

3. To find the value of the following expression, what operation should you do first?

$$20 - (7 + 4) \times 5$$

4. Ella and three friends run in a relay race that is 14 miles long. Each person runs equal parts of the race. How many miles does each person run?

5. What symbol makes the statement true? Write $>$, $<$, or $=$.

$$17.518 \bigcirc 17.581$$

6. Each number in the following sequence has the same relationship to the number immediately before it. How can you find the next number in the sequence?

$$3, 30, 300, 3,000, \dots$$