

Name _____

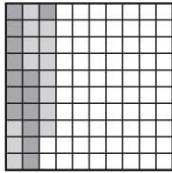
Multiply Decimals and Whole Numbers

COMMON CORE STANDARD CC.5.NBT.7

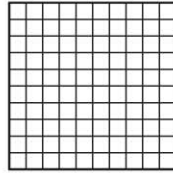
Perform operations with multi-digit whole numbers and with decimals to hundredths.

Use the decimal model to find the product.

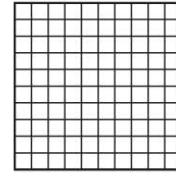
1. $4 \times 0.07 = \underline{0.28}$



2. $3 \times 0.27 = \underline{\hspace{2cm}}$



3. $2 \times 0.45 = \underline{\hspace{2cm}}$



Find the product. Draw a quick picture.

4. $2 \times 0.8 = \underline{\hspace{2cm}}$

5. $3 \times 0.33 = \underline{\hspace{2cm}}$

6. $5 \times 0.71 = \underline{\hspace{2cm}}$

7. $4 \times 0.23 = \underline{\hspace{2cm}}$

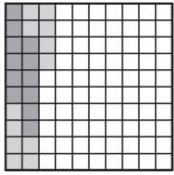
Problem Solving **REAL WORLD**

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?

Lesson Check (CC.5.NBT.7)

1. The model below represents which multiplication sentence?



- (A) $6 \times 0.04 = 0.24$
- (B) $4 \times 0.06 = 0.24$
- (C) $8 \times 0.03 = 0.24$
- (D) $3 \times 0.08 = 0.24$

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?

- (A) 3.5 grams
- (B) 3 grams
- (C) 1.5 grams
- (D) 0.5 gram

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

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

(Lesson 1.12)

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

- (A) Subtract 7 from 20.
- (B) Add 7 and 4.
- (C) Multiply 4 and 5.
- (D) It does not matter which operation you do first.

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? (Lesson 2.7)

- (A) 3 miles
- (B) $3\frac{1}{2}$ miles
- (C) 4 miles
- (D) $4\frac{2}{3}$ miles

5. Which statement about 17.518 and 17.581 is true? (Lesson 3.3)

- (A) $17.518 < 17.581$
- (B) $17.518 > 17.581$
- (C) $17.518 = 17.581$
- (D) $17.581 < 17.518$

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? (Lesson 1.5)

3, 30, 300, 3,000, . . .

- (A) Multiply the previous number by 3.
- (B) Multiply the previous number by 30.
- (C) Multiply the previous number by 10.
- (D) Multiply the previous number by 100.