

Name _____

Divide Decimals by Whole Numbers

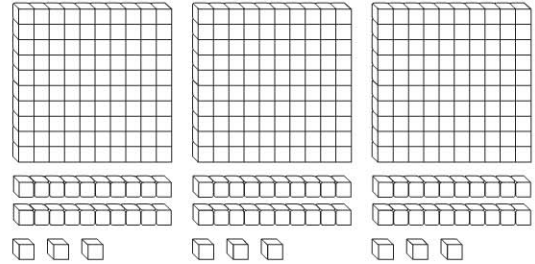
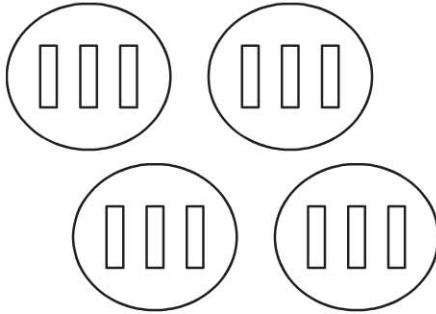
COMMON CORE STANDARD CC.5.NBT.7

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

Use the model to complete the number sentence.

1. $1.2 \div 4 = \underline{0.3}$

2. $3.69 \div 3 = \underline{\hspace{2cm}}$



Divide. Use base-ten blocks.

3. $4.9 \div 7 = \underline{\hspace{2cm}}$

4. $3.6 \div 9 = \underline{\hspace{2cm}}$

5. $2.4 \div 8 = \underline{\hspace{2cm}}$

6. $6.48 \div 4 = \underline{\hspace{2cm}}$

7. $3.01 \div 7 = \underline{\hspace{2cm}}$

8. $4.26 \div 3 = \underline{\hspace{2cm}}$

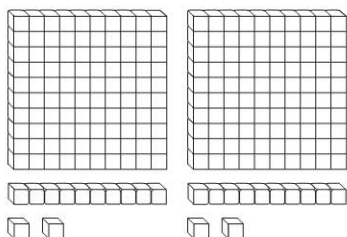
Problem Solving **REAL WORLD**

9. In PE class, Carl runs a distance of 1.17 miles in 9 minutes. At that rate, how far does Carl run in one minute?

10. Marianne spends \$9.45 on 5 greeting cards. Each card costs the same amount. What is the cost of one greeting card?

Lesson Check (CC.5.NBT.7)

1. Which division sentence does the model below represent?



- (A) $1.12 \div 2 = 0.56$
 (B) $2.24 \div 2 = 1.12$
 (C) $2.24 \div 4 = 0.56$
 (D) $3.36 \div 3 = 1.12$

2. A bunch of 4 bananas contains a total of 5.92 grams of protein. Suppose each banana contains the same amount of protein. How much protein is in one banana?

- (A) 1.48 grams
 (B) 2.96 grams
 (C) 9.92 grams
 (D) 23.68 grams

Spiral Review (CC.5.NBT.3b, CC.5.NBT.5, CC.5.NBT.6, CC.5.NBT.7)

3. At the deli, one pound of turkey costs \$7.98. Mr. Epstein buys 3 pounds of turkey. How much will the turkey cost? (Lesson 4.5)
4. Mrs. Cho drives 45 miles in 1 hour. If her speed stays constant, how many hours will it take for her to drive 405 miles? (Lesson 2.6)

- (A) \$2.66
 (B) \$7.98
 (C) \$15.96
 (D) \$23.94
- (A) 360 hours
 (B) 45 hours
 (C) 9 hours
 (D) 8 hours

5. Which list shows the following numbers in order from least to greatest? (Lesson 3.3)

1.23; 1.2; 2.31; 3.2

- (A) 1.23, 1.2, 2.31, 3.2
 (B) 1.2, 1.23, 2.31, 3.2
 (C) 3.2, 2.31, 1.23, 1.2
 (D) 1.2, 1.23, 3.2, 2.31

6. Over the weekend, Aiden spent 15 minutes on his math homework. He spent three times as much time on his science homework. How much time did Aiden spend on his science homework? (Lesson 1.6)

- (A) 5 minutes
 (B) 15 minutes
 (C) 30 minutes
 (D) 45 minutes