

Name _____

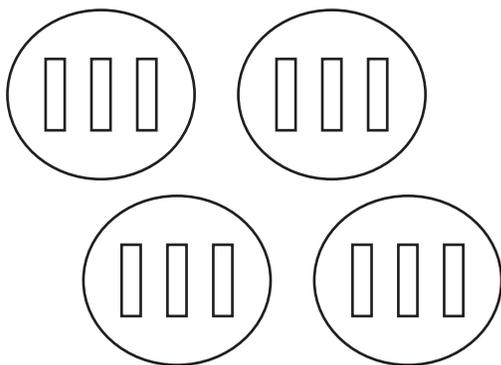
Divide Decimals by Whole Numbers



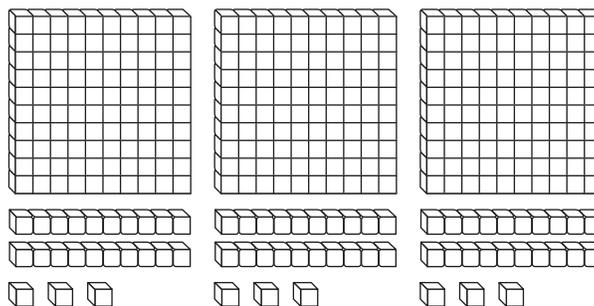
COMMON CORE STANDARD—5.NBT.B.7
Perform operations with multi-digit whole numbers and with decimals to hundredths.

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



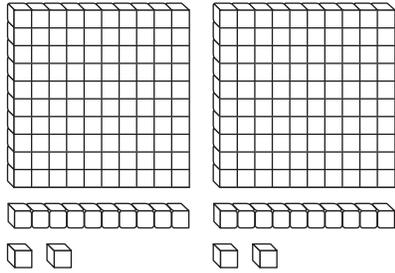
9. In PE class, Carl runs a distance of 1.17 miles in 9 minutes. At that rate, how far does Carl run in one minute?

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

11. **WRITE** *Math* Explain how you can use base-ten blocks or other decimal models to find $3.15 \div 3$. Include pictures to support your explanation.

Lesson Check (5.NBT.B.7)

1. Write a division sentence that tells what the model represents.



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?

Spiral Review (5.NBT.A.3b, 5.NBT.B.5, 5.NBT.B.6, 5.NBT.B.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?
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?

5. Write the following numbers in order from least to greatest.

1.23; 1.2; 2.31; 3.2

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?

