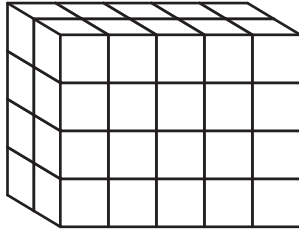
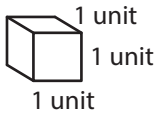


## Set 1 Volume

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► Find the volume of each rectangular prism. Show your work.

- 1 Find the volume of the rectangular prism shown below.



- 2 A rectangular prism with length 6 in., width 5 in., and height 4 in.
- 3 A rectangular prism with height 7 in. and base with area  $12 \text{ in.}^2$

## Set 2 Multiply and Divide Multi-Digit Numbers

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► Multiply or divide. Show your work.

1  $4,307 \times 16$

2  $434 \div 14$

3  $1,472 \div 16$

## Set 3 Decimal Place Value and Rounding Decimals

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### ► Fill in the blanks.

1 \_\_\_\_\_ is 10 times 0.07.

2 \_\_\_\_\_ is  $10^2$  times 0.0003.

3 \_\_\_\_\_ is  $\frac{1}{10}$  of 0.002.

4 \_\_\_\_\_ is  $10^4$  times 0.00025.

### ► Round to the nearest hundredth.

5 4.157 \_\_\_\_\_

6 349.332 \_\_\_\_\_

7 21.034 \_\_\_\_\_

8 6.976 \_\_\_\_\_

### ► Round to the nearest tenth.

9 27.371 \_\_\_\_\_

10 792.42 \_\_\_\_\_

11 5.948 \_\_\_\_\_

12 0.168 \_\_\_\_\_

## Set 4 Add and Subtract Decimals

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### ► Add or subtract. Show your work.

1  $2.34 + 3.1 + 0.09$

2  $11.52 - 5.74$

3  $8.5 + 3.08$

4  $14 - 6.73$

5  $12.45 - 3.2$

6  $10.09 + 6.33$

## Set 5 Add and Subtract Fractions in Word Problems

► Write an equation to represent and solve each problem. Show your work.

- 1 Aniyah has  $2\frac{2}{3}$  cups of oats in one container. She has  $4\frac{3}{4}$  cups of oats another container. How many cups of oats does she have in total?
- 2 Jason has  $4\frac{3}{10}$  feet of string. He uses  $2\frac{2}{5}$  feet of string. How much string does he have left?

## Set 6 Multiply and Divide Decimals

► Multiply or divide. Show your work.

- 1  $4.15 \times 6$
- 2  $0.2 \times 0.3$
- 3  $9 \div 0.03$

## Set 7 Multiply Fractions

► Solve the problems. Multiply.

- 1  $\frac{2}{3} \times \frac{1}{4} =$
- 2  $\frac{1}{3} \times \frac{4}{3} =$
- 3  $\frac{5}{3} \div \frac{1}{5} =$
- 4 A rectangle with length  $\frac{7}{4}$  inches and width  $\frac{1}{3}$  inch. What is the area of the rectangle?  
Show your work.

## Set 8 Multiply Fractions in Word Problems

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► Write a multiplication equation to represent and solve each problem.  
Show your work.

- 1 Manuel has  $4\frac{1}{2}$  cups of flour. He plans to use  $\frac{2}{3}$  of the flour to bake bread.  
How many cups of flour will Manuel use to bake bread?
- 2 Mary plays soccer for  $\frac{2}{5}$  hour on Monday. She plays for  $2\frac{1}{3}$  times as long on Tuesday. How long does Mary play on Tuesday?
- 3 Niesha's brother is  $3\frac{1}{2}$  feet tall. Niesha is  $1\frac{1}{3}$  times as tall as her brother.  
How tall is Niesha?

## Set 9 Divide with Unit Fractions in Word Problems

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► Write a division equation to represent and solve each problem.  
Show your work.

- 1 Amelia makes 5 cups of muffin batter. Each muffin requires  $\frac{1}{3}$  cup of batter.  
How many muffins can Amelia make?
- 2 Drew has  $\frac{1}{2}$  of a package of raisins. He shares it equally among himself and 4 friends. What fraction of the original package does each person receive?
- 3 Pablo cuts 8 apples into quarters. How many apple pieces does he have?