

# Reteaching

#### Set F, pages 232–233

Common factors are factors shared by a group of numbers. The GCF is the largest factor shared by a group of numbers.

**12:** 1/2/3/4/6/12 **60:** 1/2/3/4/5/6/10, 12, 15, 20, 30, 60

The GCF of 12 and 60 is 12.

Remember to use divisibility rules to help you find factors of a number. List the factors of each pair of numbers. then find the GCF. 1-4 See margin.

- 1. 15, 45
- 2. 60, 80
- **3.** 12, 14
- **4.** 24, 56

### Set G, pages 234–236

Write  $\frac{21}{36}$  in simplest form.

To express a fraction in simplest form, divide the numerator and denominator by the greatest common factor.

The GCF of 21 and 36 is 3.

 $\frac{21 \div 3}{36 \div 3} = \frac{7}{12}$ 

Remember that the simplest form can also be found by dividing by common factors until the common factor is 1.

Write each fraction in simplest form.

- 1.  $\frac{45}{60}$   $\frac{3}{4}$
- 2.  $\frac{32}{96}$   $\frac{1}{3}$
- 3.  $\frac{24}{30}$   $\frac{4}{5}$
- 4.  $\frac{42}{49}$   $\frac{6}{7}$

### Set H, pages 238-240

Write  $\frac{60}{100}$  as a decimal.

You can write fractions as decimals using a place-value chart. You read  $\frac{60}{100}$  as 60 hundredths.



You can see that  $\frac{60}{100} = 0.60$ .

Remember that to write a decimal, you need to pay particular attention to the denominator of the fraction.

For 1 through 4, write each decimal as

- 2. 0.42 42 100
- 3. 0.08 8 100
- 4. 8.23 8 23 100

6.  $\frac{9}{100}$  0.09

8.  $2\frac{35}{100}$  2.35

For 5 through 8, write each fraction or mixed number as a decimal.

- 5.  $1\frac{2}{10}$  1.2
- 7.  $\frac{7}{10}$  0.7

### Set I, pages 242-243

Write  $\frac{7}{1.000}$  as a decimal.

You can write fractions as decimals using a place value chart. You read  $\frac{7}{1,000}$  as seven thousandths.



You can see that  $\frac{7}{1.000} = 0.007$ .

#### Set J. pages 244-245

and decimals, and compare values

You know that 0.2 also means  $\frac{2}{10}$ .

You know that  $\frac{18}{20}$  also means  $18 \div 20$ .

0.7 = 0.70 and 0.8 = 0.80. So, 0.75 is



Remember that to write a decimal with thousandths place, you need to use three decimal places after the decimal.

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Write each decimal as a fraction.

**1.** 0.192 
$$\frac{192}{1,000}$$
 **2.** 0.042  $\frac{42}{1,000}$ 

Write each fraction as a decimal.

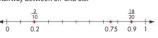
3.  $\frac{189}{1,000}$  0.189 4.  $\frac{3}{1,000}$  0.003

You can use a number line to locate fractions

Locate 0.2,  $\frac{18}{20}$ , and 0.75 on a number line.

Use division to find  $18 \div 20 = 0.90$ .

halfway between 0.7 and 0.8.



So the order from least to greatest is 0.2, 0.75, and  $\frac{18}{20}$ .

line into equal sized seaments to find the correct location for each fraction or decimal. In 1 through 4, name the fraction that identifies each point on the

Remember to divide the number

number line. A B CD

- **1.** Point  $A = \frac{15}{100}$  **2.** Point  $B = \frac{3}{10}$
- 3. Point  $C = \frac{75}{100}$  4. Point  $D = \frac{8}{10}$

### Set K, pages 246-247

When you are asked to explain how you found your answer, follow these steps:

## Step 1

Break the process into steps.

Use pictures and words to explain.

Step 3

Tell about things to watch out for and be careful about. Write your steps in order using words like find and put.

Remember to show your work clearly so that others can understand it.

1. Sara's paper airplane flew 8.5 yards. Jason's flew  $8\frac{2}{3}$  yards. Michael's flew  $8\frac{1}{4}$  yards and Denise's flew  $8\frac{1}{6}$  yards. Whose airplane flew the farthest? Explain how you found your answer.



## Set F

- 1. 15: 1, 3, 5, 15; 45: 1, 3, 5, 9, 15, 45; 15
- 2. 60: 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60; 80: 1, 2, 4, 5, 8, 10, 16, 20, 40, 80; 20
- 3. 12: 1, 2, 3, 4, 6, 12; 14: 1, 2, 7, 14; 2
- 4. 24: 1, 2, 3, 4, 6, 8, 12, 24; 56: 1, 2, 4, 7, 8, 14, 28, 56; 8

## Set K

1. Sample answer: First, change all of the mixed numbers to decimals. Next, place all of the decimals in the correct order on a number line. Finally, the number farthest to the right is the greatest number.  $8\frac{2}{3}$  is the greatest number. Jason's plane flew the farthest.