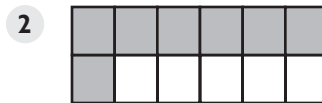


# Practice: Skills

Write a fraction to represent each situation.



the shaded region \_\_\_\_\_



the shaded region \_\_\_\_\_



the shaded region \_\_\_\_\_



the shaded region \_\_\_\_\_



the number of hearts in the set

\_\_\_\_\_

the number of happy faces in the set

\_\_\_\_\_



the number of Ms in the set

\_\_\_\_\_



the number of students wearing hats in

the set \_\_\_\_\_



the number of spoons in the set

\_\_\_\_\_

Draw a picture to model the fraction. Use a set of objects.

9  $\frac{5}{9}$

10  $\frac{2}{3}$

Draw a picture to model each fraction. Use equal parts of a whole.

11  $\frac{4}{7}$

12  $\frac{3}{12}$

# Practice: Skills

Write the unit fraction that represents the shaded region.



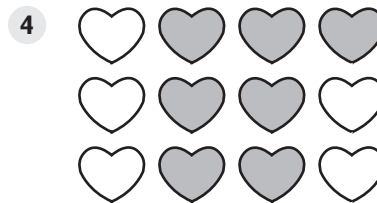
\_\_\_\_\_



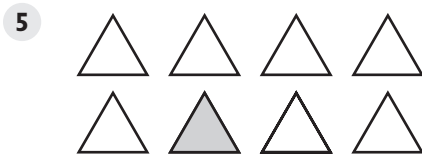
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

7 How many  $\frac{1}{3}$  tiles are needed to make 1?

\_\_\_\_\_

8 How many  $\frac{1}{7}$  tiles are needed to make 1?

\_\_\_\_\_

9 How many  $\frac{1}{10}$  tiles are needed to make 1?

\_\_\_\_\_

10 How many  $\frac{1}{6}$  tiles are needed to make 1?

\_\_\_\_\_

11 How many  $\frac{1}{2}$  tiles are needed to make 1:

\_\_\_\_\_

12 How many  $\frac{1}{9}$  tiles are needed to make 1?

\_\_\_\_\_

Write each fraction as a decimal.

13  $\frac{6}{10}$  \_\_\_\_\_

14  $\frac{3}{10}$  \_\_\_\_\_

15  $\frac{1}{10}$  \_\_\_\_\_

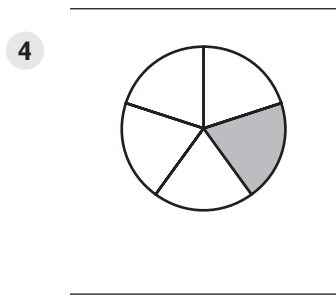
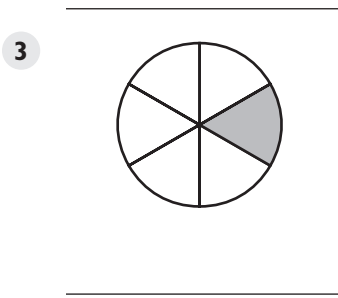
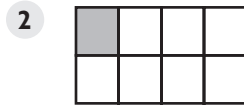
16  $\frac{9}{10}$  \_\_\_\_\_

17  $\frac{5}{10}$  \_\_\_\_\_

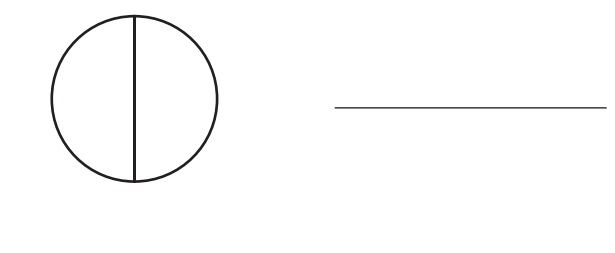
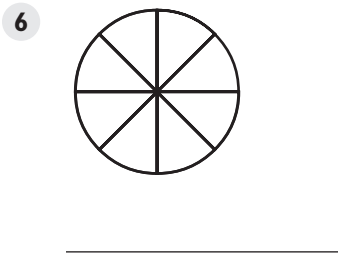
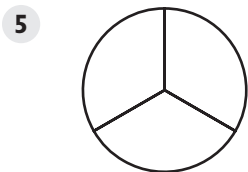
18  $\frac{8}{10}$  \_\_\_\_\_

**Practice: Skills**

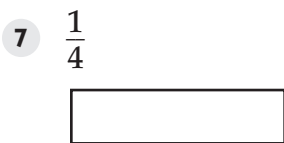
Write the unit fraction that represents the shaded region.



Show and name a unit fraction in each circle. Which unit fraction is the greatest?



Show where you make cuts to create the unit fraction named. Shade in each unit fraction.



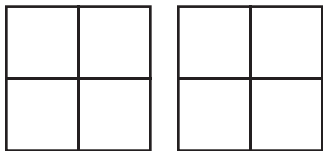
Compare. Write  $<$ ,  $=$ , or  $>$  to make each a true statement.

9  $\frac{1}{3} \bigcirc \frac{1}{9}$

10  $\frac{1}{7} \bigcirc \frac{1}{5}$

Complete the models to name an equivalent fraction.

1  $\frac{3}{4}$  \_\_\_\_\_



2  $\frac{4}{5}$  \_\_\_\_\_



Complete to name an equivalent fraction.

3  $\frac{3}{8} = \frac{6}{\square}$

4  $\frac{2}{9} = \frac{\square}{18}$

5  $\frac{1}{7} = \frac{3}{\square}$

6  $\frac{4}{10} = \frac{16}{\square}$

7  $\frac{20}{25} = \frac{\square}{5}$

8  $\frac{5}{11} = \frac{\square}{66}$

9  $\frac{5}{12} = \frac{10}{\square}$

10  $\frac{7}{9} = \frac{28}{\square}$

11  $\frac{28}{36} = \frac{\square}{9}$

12  $\frac{8}{15} = \frac{24}{\square}$

## Practice: Skills

- 1 Circle the best description of  $3\frac{1}{5}$ .

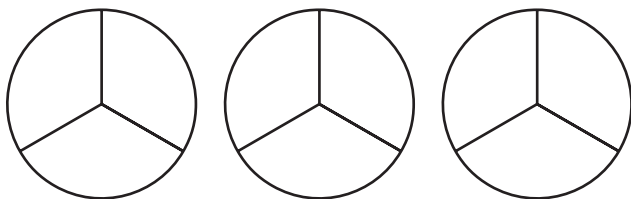
$$\frac{3}{1} + \frac{1}{15}$$

$$3 + \frac{1}{5}$$

$$\frac{15}{5}$$

$$\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$$

- 2 Change  $2\frac{1}{3}$  to an improper fraction using drawings.  $2\frac{1}{3} =$  \_\_\_\_\_



- 3 Change  $\frac{5}{2}$  to a mixed number using drawings.  $\frac{5}{2} =$  \_\_\_\_\_



Write each mixed number as an improper fraction.

4  $9\frac{1}{2} =$  \_\_\_\_\_

5  $4\frac{3}{7} =$  \_\_\_\_\_

6  $1\frac{3}{8} =$  \_\_\_\_\_

7  $5\frac{3}{10} =$  \_\_\_\_\_

Write each improper fraction as a mixed number.

8  $\frac{9}{5} =$  \_\_\_\_\_

9  $\frac{17}{3} =$  \_\_\_\_\_

10  $\frac{19}{4} =$  \_\_\_\_\_

11  $\frac{35}{6} =$  \_\_\_\_\_

## Practice: Skills

## Find Least Common Denominators.

- 1 Find the LCM of 2, 4, and 5 \_\_\_\_\_

Multiples of 2 , , , , , , , , , , , Multiples of 4: , , , , , , , , ...Multiples of 5: , , , , , , , , ...

- 2 Find the LCM of 3, 4, and 8 \_\_\_\_\_

Multiples of 3: , , , , , , , , , , ...Multiples of 4: , , , , , , , , ...Multiples of 8: , , , , , , ...

## Find the LCM of each set of numbers.

- 3 2, 4, and 6 \_\_\_\_\_

- 4 2, 4, and 25 \_\_\_\_\_

- 5 3, 5, and 6 \_\_\_\_\_

- 6 5, 15, and 25 \_\_\_\_\_

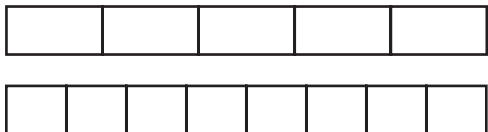
- 7 4, 8, and 16 \_\_\_\_\_

- 8 2, 9, and 12 \_\_\_\_\_

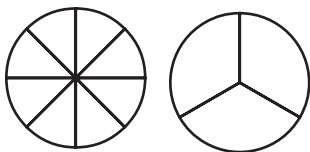
## Practice: Skills

Use  $<$ ,  $=$ , or  $>$  to compare the fractions. Shade the models given.

1  $\frac{2}{5} \bigcirc \frac{5}{8}$



2  $\frac{4}{8} \bigcirc \frac{1}{3}$



Use  $<$ ,  $=$ , or  $>$  to compare the fractions.

3  $\frac{3}{4} \bigcirc \frac{7}{8}$

4  $\frac{1}{3} \bigcirc \frac{2}{9}$

5  $\frac{2}{9} \bigcirc \frac{4}{15}$

6  $\frac{2}{3} \bigcirc \frac{4}{6}$

7  $\frac{8}{14} \bigcirc \frac{5}{7}$

8  $\frac{1}{2} \bigcirc \frac{7}{11}$

Use  $<$ ,  $=$ , or  $>$  to compare the fractions. Rename the fractions using a common denominator.

9  $\frac{5}{7} \bigcirc \frac{5}{6}$

\_\_\_\_\_

10  $\frac{3}{11} \bigcirc \frac{1}{4}$

\_\_\_\_\_

11  $\frac{5}{8} \bigcirc \frac{4}{5}$

\_\_\_\_\_

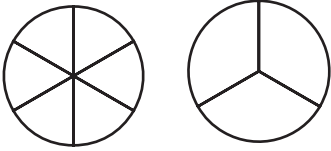
12  $\frac{8}{10} \bigcirc \frac{7}{9}$

\_\_\_\_\_

## Practice: Skills

Write each fraction in simplest form.

- 1 Write  $\frac{4}{6}$  in simplest form. Use models to shade an equivalent area and name the simplified fraction.



- 2 Write  $\frac{9}{12}$  in simplest form. Solve by finding the GCF.
- \_\_\_\_\_

Write each fraction in simplest form. Use prime factorization.

3  $\frac{12}{24}$  \_\_\_\_\_

4  $\frac{8}{32}$  \_\_\_\_\_

5  $\frac{27}{81}$  \_\_\_\_\_

6  $\frac{10}{45}$  \_\_\_\_\_

7  $\frac{12}{28}$  \_\_\_\_\_

8  $\frac{22}{55}$  \_\_\_\_\_

Write each fraction in simplest form. Divide by the GCF.

9  $\frac{9}{15}$  \_\_\_\_\_

10  $\frac{6}{14}$  \_\_\_\_\_

11  $\frac{18}{24}$  \_\_\_\_\_

12  $\frac{50}{100}$  \_\_\_\_\_

13  $\frac{5}{25}$  \_\_\_\_\_

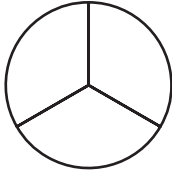
14  $\frac{18}{27}$  \_\_\_\_\_



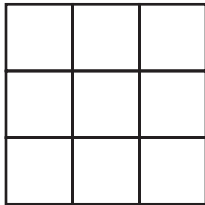
## Practice: Skills

Add using drawings. Write each sum in simplest form.

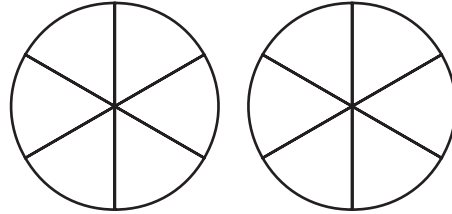
1  $\frac{1}{3} + \frac{2}{3} =$  \_\_\_\_\_



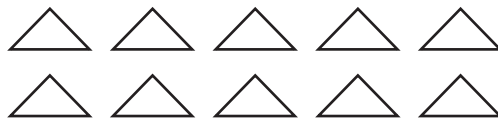
2  $\frac{2}{9} + \frac{4}{9} =$  \_\_\_\_\_



3  $\frac{4}{6} + \frac{5}{6} =$  \_\_\_\_\_



4  $\frac{3}{10} + \frac{5}{10} =$  \_\_\_\_\_



Circle the correct answer in simplest form.

5  $\frac{2}{7} + \frac{4}{7} =$  \_\_\_\_\_

$\frac{6}{7}$        $\frac{6}{14}$

6  $\frac{3}{12} + \frac{3}{12} =$  \_\_\_\_\_

$\frac{6}{12}$        $\frac{1}{2}$

7  $\frac{1}{6} + \frac{5}{6} =$  \_\_\_\_\_

1       $\frac{6}{6}$

8  $\frac{7}{9} + \frac{5}{9} =$  \_\_\_\_\_

$\frac{12}{9}$        $1\frac{1}{3}$

Add. Write each sum in simplest form.

9  $\frac{3}{8} + \frac{1}{8} =$  \_\_\_\_\_

10  $\frac{4}{11} + \frac{8}{11} =$  \_\_\_\_\_

11  $\frac{6}{15} + \frac{4}{15} =$  \_\_\_\_\_

12  $\frac{1}{4} + \frac{2}{4} =$  \_\_\_\_\_

13  $\frac{6}{9} + \frac{4}{9} =$  \_\_\_\_\_

14  $\frac{2}{5} + \frac{3}{5} =$  \_\_\_\_\_

15  $\frac{19}{49} + \frac{23}{49} =$  \_\_\_\_\_

16  $\frac{14}{30} + \frac{11}{30} =$  \_\_\_\_\_

17  $\frac{3}{24} + \frac{1}{24} =$  \_\_\_\_\_

18  $\frac{8}{9} + \frac{5}{9} =$  \_\_\_\_\_

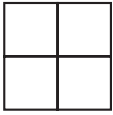
19  $\frac{1}{10} + \frac{5}{10} =$  \_\_\_\_\_

20  $\frac{7}{12} + \frac{11}{12} =$  \_\_\_\_\_

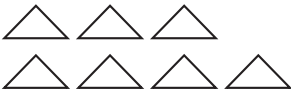
## Practice: Skills

Subtract using drawings. Write each difference in simplest form.

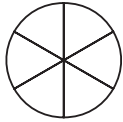
1  $\frac{3}{4} - \frac{1}{4} =$  \_\_\_\_\_



2  $\frac{5}{7} - \frac{2}{7} =$  \_\_\_\_\_



3  $\frac{4}{6} - \frac{2}{6} =$  \_\_\_\_\_



4  $\frac{9}{10} - \frac{2}{10} =$  \_\_\_\_\_



Circle the simplest form of the correct answer.

5  $\frac{6}{11} - \frac{3}{11} =$  \_\_\_\_\_

$\frac{3}{11}$

$3$

6  $\frac{9}{24} - \frac{1}{24} =$  \_\_\_\_\_

$\frac{1}{3}$

$\frac{8}{24}$

7  $\frac{8}{9} - \frac{2}{9} =$  \_\_\_\_\_

$\frac{6}{9}$

$\frac{2}{3}$

8  $\frac{25}{36} - \frac{7}{36} =$  \_\_\_\_\_

$\frac{2}{4}$

$\frac{1}{2}$

Subtract. Write each difference in simplest form.

9  $\frac{14}{18} - \frac{6}{18} =$  \_\_\_\_\_

10  $\frac{6}{8} - \frac{1}{8} =$  \_\_\_\_\_

11  $\frac{3}{5} - \frac{2}{5} =$  \_\_\_\_\_

12  $\frac{13}{22} - \frac{2}{22} =$  \_\_\_\_\_

13  $\frac{9}{12} - \frac{6}{12} =$  \_\_\_\_\_

14  $\frac{80}{100} - \frac{25}{100} =$  \_\_\_\_\_

15  $\frac{11}{12} - \frac{6}{12} =$  \_\_\_\_\_

16  $\frac{7}{9} - \frac{1}{9} =$  \_\_\_\_\_

17  $\frac{15}{16} - \frac{3}{16} =$  \_\_\_\_\_

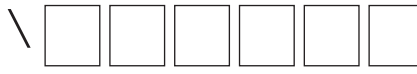
18  $\frac{8}{14} - \frac{3}{14} =$  \_\_\_\_\_

**Lesson**  
**3-3**

**Practice: Skills**

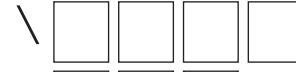
**Multiply. Factor first. Write each product in simplest form.**

1  $\frac{3}{12} \cdot \frac{6}{8} =$



=

2  $\frac{9}{10} \cdot \frac{2}{6} =$



=

3  $\frac{4}{5} \cdot \frac{2}{9} =$



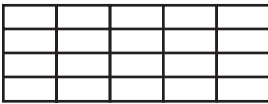
=

**Multiply using drawings. Write each product in simplest form.**

4  $\frac{2}{3} \cdot \frac{1}{3} =$  \_\_\_\_\_



5  $\frac{3}{4} \cdot \frac{1}{5} =$  \_\_\_\_\_



6  $\frac{2}{3} \cdot \frac{2}{6} =$  \_\_\_\_\_



**Multiply. Write each product in simplest form.**

7  $\frac{5}{6} \cdot \frac{3}{4} =$  \_\_\_\_\_

8  $\frac{2}{7} \cdot \frac{2}{3} =$  \_\_\_\_\_

9  $\frac{4}{8} \cdot \frac{2}{7} =$  \_\_\_\_\_

10  $\frac{5}{9} \cdot \frac{1}{2} =$  \_\_\_\_\_

11  $\frac{7}{8} \cdot \frac{5}{9} =$  \_\_\_\_\_

12  $\frac{5}{12} \cdot \frac{8}{10} =$  \_\_\_\_\_

13  $\frac{4}{5} \cdot \frac{4}{6} =$  \_\_\_\_\_

14  $\frac{3}{4} \cdot \frac{4}{7} =$  \_\_\_\_\_

15  $\frac{1}{3} \cdot \frac{6}{8} =$  \_\_\_\_\_

16  $\frac{1}{6} \cdot \frac{4}{5} =$  \_\_\_\_\_

17  $\frac{2}{3} \cdot \frac{7}{9} =$  \_\_\_\_\_

18  $\frac{4}{9} \cdot \frac{2}{5} =$  \_\_\_\_\_

19  $\frac{3}{9} \cdot \frac{3}{7} =$  \_\_\_\_\_

20  $\frac{4}{8} \cdot \frac{6}{10} =$  \_\_\_\_\_

21  $\frac{5}{8} \cdot \frac{2}{9} =$  \_\_\_\_\_

22  $\frac{2}{6} \cdot \frac{3}{5} =$  \_\_\_\_\_

# Practice: Skills

Find the product of each fraction and its reciprocal in simplest form.

1  $\frac{2}{9} \cdot \frac{9}{2} =$  \_\_\_\_\_

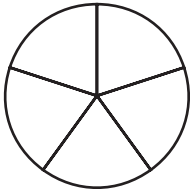
2  $\frac{3}{8} \cdot \frac{8}{3} =$  \_\_\_\_\_

3  $\frac{4}{5} \cdot \frac{5}{4} =$  \_\_\_\_\_

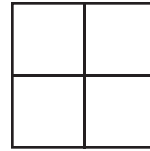
4  $\frac{7}{10} \cdot \frac{10}{7} =$  \_\_\_\_\_

Divide using diagrams. Write the quotient in simplest form.

5  $\frac{1}{5} \div \frac{1}{10} =$  \_\_\_\_\_



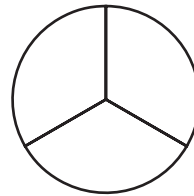
6  $\frac{3}{4} \div \frac{1}{4} =$  \_\_\_\_\_



7  $\frac{1}{2} \div \frac{1}{14} =$  \_\_\_\_\_



8  $\frac{2}{3} \div \frac{2}{12} =$  \_\_\_\_\_



Divide. Write the quotient in simplest form.

9  $\frac{4}{5} \div \frac{1}{3} =$  \_\_\_\_\_

10  $\frac{2}{7} \div \frac{3}{6} =$  \_\_\_\_\_

11  $\frac{1}{8} \div \frac{8}{9} =$  \_\_\_\_\_

12  $\frac{1}{4} \div \frac{5}{10} =$  \_\_\_\_\_

13  $\frac{2}{6} \div \frac{4}{7} =$  \_\_\_\_\_

14  $\frac{5}{8} \div \frac{1}{3} =$  \_\_\_\_\_

15  $\frac{6}{10} \div \frac{2}{5} =$  \_\_\_\_\_

16  $\frac{3}{7} \div \frac{3}{8} =$  \_\_\_\_\_

17  $\frac{4}{5} \div \frac{2}{10} =$  \_\_\_\_\_

18  $\frac{4}{9} \div \frac{5}{7} =$  \_\_\_\_\_

19  $\frac{2}{3} \div \frac{7}{8} =$  \_\_\_\_\_

20  $\frac{1}{3} \div \frac{1}{3} =$  \_\_\_\_\_

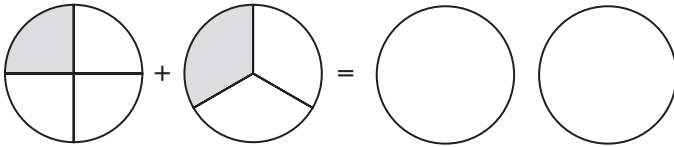
21  $\frac{3}{4} \div \frac{1}{9} =$  \_\_\_\_\_

22  $\frac{5}{16} \div \frac{2}{3} =$  \_\_\_\_\_

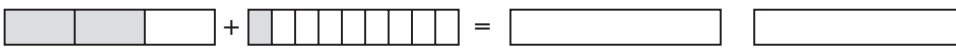
# Practice: Skills

Add using models. Write each sum in simplest form.

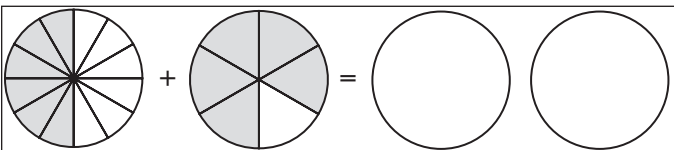
1  $\frac{1}{4} + \frac{1}{3} =$  \_\_\_\_\_



2  $\frac{2}{3} + \frac{1}{9} =$  \_\_\_\_\_



3  $\frac{6}{12} + \frac{5}{6} =$  \_\_\_\_\_



Name the LCD for each pair of fractions.

4  $\frac{1}{7}, \frac{1}{2}$  \_\_\_\_\_

5  $\frac{7}{6}, \frac{3}{8}$  \_\_\_\_\_

6  $\frac{1}{9}, \frac{2}{5}$  \_\_\_\_\_

7  $\frac{5}{12}, \frac{2}{3}$  \_\_\_\_\_

Add. Write each sum in simplest form.

8  $\frac{7}{8} + \frac{2}{3} =$  \_\_\_\_\_

9  $\frac{3}{6} + \frac{2}{9} =$  \_\_\_\_\_

10  $\frac{2}{5} + \frac{3}{4} =$  \_\_\_\_\_

11  $\frac{1}{2} + \frac{3}{5} =$  \_\_\_\_\_

12  $\frac{2}{7} + \frac{2}{3} =$  \_\_\_\_\_

13  $\frac{1}{5} + \frac{1}{3} =$  \_\_\_\_\_

14  $\frac{3}{9} + \frac{8}{18} =$  \_\_\_\_\_

15  $\frac{5}{15} + \frac{8}{10} =$  \_\_\_\_\_

16  $\frac{3}{4} + \frac{2}{3} =$  \_\_\_\_\_

17  $\frac{9}{10} + \frac{4}{5} =$  \_\_\_\_\_

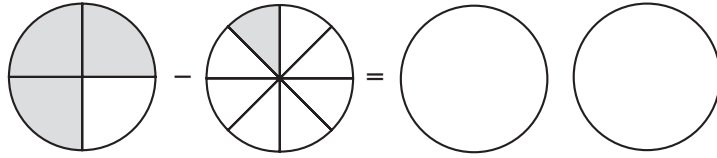
18  $\frac{10}{15} + \frac{1}{2} =$  \_\_\_\_\_

19  $\frac{4}{6} + \frac{3}{12} =$  \_\_\_\_\_

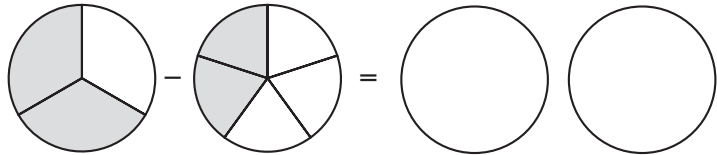
# Practice: Skills

Subtract using models. Write each difference in simplest form.

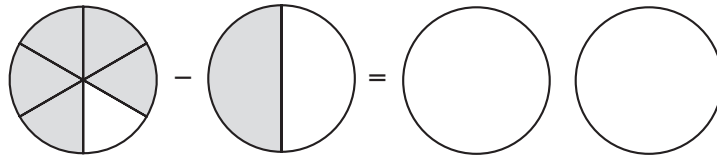
1  $\frac{3}{4} - \frac{1}{8} =$  \_\_\_\_\_



2  $\frac{2}{3} - \frac{2}{5} =$  \_\_\_\_\_



3  $\frac{5}{6} - \frac{1}{2} =$  \_\_\_\_\_



Name the LCD for each pair of fractions.

4  $\frac{1}{5}, \frac{1}{3}$  \_\_\_\_\_

5  $\frac{1}{7}, \frac{1}{6}$  \_\_\_\_\_

6  $\frac{1}{4}, \frac{1}{10}$  \_\_\_\_\_

7  $\frac{1}{3}, \frac{1}{9}$  \_\_\_\_\_

Subtract. Write each difference in simplest form.

8  $\frac{3}{5} - \frac{1}{9} =$  \_\_\_\_\_

9  $\frac{3}{4} - \frac{4}{6} =$  \_\_\_\_\_

10  $\frac{5}{8} - \frac{3}{6} =$  \_\_\_\_\_

11  $\frac{1}{2} - \frac{3}{7} =$  \_\_\_\_\_

12  $\frac{8}{9} - \frac{5}{6} =$  \_\_\_\_\_

13  $\frac{6}{7} - \frac{2}{3} =$  \_\_\_\_\_

14  $\frac{8}{12} - \frac{2}{6} =$  \_\_\_\_\_

15  $\frac{5}{6} - \frac{2}{9} =$  \_\_\_\_\_

16  $\frac{3}{10} - \frac{1}{5} =$  \_\_\_\_\_

17  $\frac{2}{3} - \frac{4}{6} =$  \_\_\_\_\_

18  $\frac{5}{7} - \frac{2}{5} =$  \_\_\_\_\_

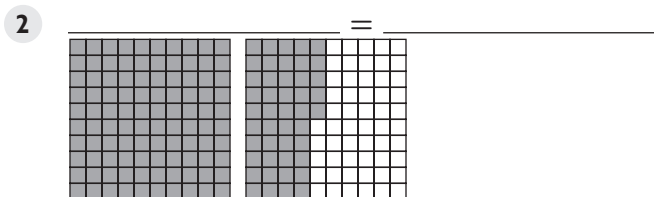
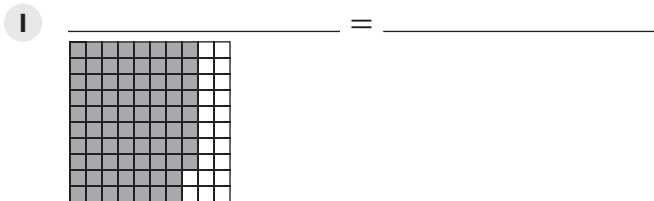
19  $\frac{6}{8} - \frac{2}{4} =$  \_\_\_\_\_

20  $\frac{4}{5} - \frac{5}{10} =$  \_\_\_\_\_

21  $\frac{5}{9} - \frac{1}{3} =$  \_\_\_\_\_

## Practice: Skills

Write a decimal and a fraction in simplest form for each model.



Write each number as a decimal.

- 3 twelve and sixty-five hundredths \_\_\_\_\_
- 4 nine tenths \_\_\_\_\_
- 5 seven and fourteen hundredths \_\_\_\_\_
- 6 eighteen and three hundredths \_\_\_\_\_
- 7 fifty-one hundredths \_\_\_\_\_
- 8 six and seven tenths \_\_\_\_\_

Write each number in word form.

- 9 20.3 \_\_\_\_\_
- 10 0.89 \_\_\_\_\_
- 11 3.07 \_\_\_\_\_
- 12 17.4 \_\_\_\_\_
- 13 19.56 \_\_\_\_\_

Write the value of each red digit.

- 14 67.4 \_\_\_\_\_
- 15 13. 8 \_\_\_\_\_
- 16 5.4 \_\_\_\_\_
- 17 28. 4 \_\_\_\_\_
- 18 86. 7 \_\_\_\_\_
- 19 44.5 \_\_\_\_\_
- 20 59.5 \_\_\_\_\_
- 21 71. 2 \_\_\_\_\_

## Practice: Skills

Write a decimal for the amount shown.

1 \_\_\_\_\_



2 \_\_\_\_\_



Represent each amount using the least number of bills and coins possible.

3 \$0.85 \_\_\_\_\_

4 \$21.05 \_\_\_\_\_

5 \$3.27 \_\_\_\_\_

6 \$11.54 \_\_\_\_\_

7 \$8.92 \_\_\_\_\_

8 0.99 \_\_\_\_\_

9 \$20.45 \_\_\_\_\_

10 \$7.11 \_\_\_\_\_

Use bills and coins to represent each amount in two ways.

11 \$1.26 \_\_\_\_\_

12 \$0.53 \_\_\_\_\_

13 \$2.82 \_\_\_\_\_

14 \$15.74 \_\_\_\_\_

\_\_\_\_\_

15 \$1.66 \_\_\_\_\_

16 \$0.78 \_\_\_\_\_

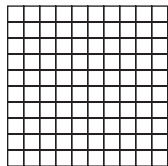
17 \$10.05 \_\_\_\_\_



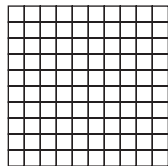
## Practice: Skills

Compare each pair of decimals using models. Write a statement using  $<$ ,  $=$ , or  $>$ .

1  $0.43$  and  $0.34$

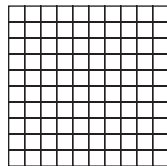


0.43

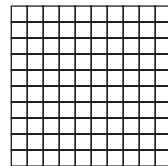


0.34

2  $0.1$  and  $0.11$



0.1



0.11

Use  $<$ ,  $=$ , or  $>$  to compare each pair of decimals.

3  $5.50$   $\bigcirc$   $5.66$

4  $4.3$   $\bigcirc$   $4.23$

5  $8.96$   $\bigcirc$   $8.960$

6  $2.47$   $\bigcirc$   $2.44$

7  $4.54$   $\bigcirc$   $5.4$

8  $12.35$   $\bigcirc$   $12.6$

9  $11.56$   $\bigcirc$   $10.56$

10  $8.9$   $\bigcirc$   $9.0$

11  $0.02$   $\bigcirc$   $0.20$

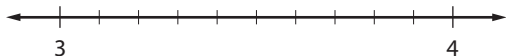
12  $3.77$   $\bigcirc$   $3.77$

13  $12.06$   $\bigcirc$   $12.60$

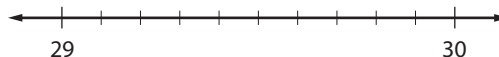
14  $8.6$   $\bigcirc$   $8.35$

Use  $<$ ,  $=$ , or  $>$  to compare each pair of decimals. Check your answer by placing the decimals on a number line.

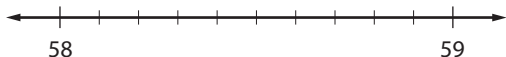
15  $3.53$   $\bigcirc$   $3.45$



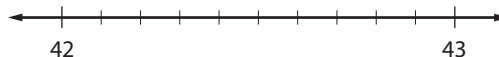
16  $29.71$   $\bigcirc$   $29.9$



17  $58.6$   $\bigcirc$   $58.60$



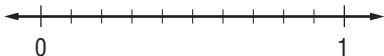
18  $42.70$   $\bigcirc$   $42.07$



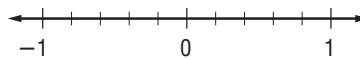
# 4-4 Practice: Skills

Order the numbers by graphing them on a number line.

1  $\frac{3}{5}, 0.2, 1, \frac{1}{10}$

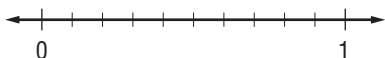


2  $0.58, \frac{-1}{6}, 0.05, \frac{8}{10}$

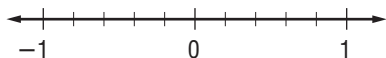


Change all decimals to fractions. Then order the numbers from least to greatest. Graph the numbers on a number line.

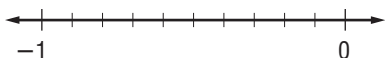
3  $0.81, 0.26, 0.45$  \_\_\_\_\_



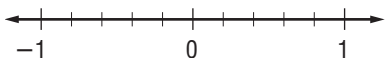
4  $\frac{-1}{4}, 0.04, -0.74$  \_\_\_\_\_



5  $-0.54, -0.32, -0.88$  \_\_\_\_\_



6  $\frac{5}{7}, -0.95, \frac{1}{3}$  \_\_\_\_\_



Order the numbers from least to greatest.

7  $\frac{44}{100}, \frac{40}{100}, 0.8$  \_\_\_\_\_

8  $0.23, \frac{10}{100}, \frac{-60}{100}$  \_\_\_\_\_

9  $\frac{7}{12}, 0.9, 0.12$  \_\_\_\_\_

10  $\frac{15}{10}, 1.39, -1.90$  \_\_\_\_\_

11  $0.50, \frac{8}{10}, \frac{54}{100}$  \_\_\_\_\_

12  $0.09, \frac{-1}{100}, 0.99$  \_\_\_\_\_

13  $\frac{-4}{5}, \frac{-9}{10}, -0.45$  \_\_\_\_\_

## Practice: Skills

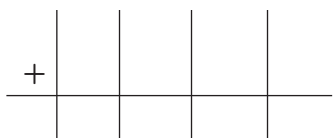
Add using decimal models. Circle any trades.

1  $1.23 + 0.48 =$  \_\_\_\_\_

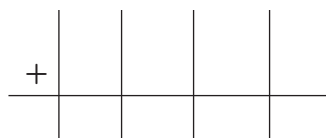
2  $0.59 + 0.76 =$  \_\_\_\_\_

Find each sum

3  $3.45 + 10.82 =$  \_\_\_\_\_



4  $8.13 + 2.07 =$  \_\_\_\_\_



5  $12.06 + 5.9 =$  \_\_\_\_\_



6  $6.31 + 9.2 =$  \_\_\_\_\_



7  $1.56 + 10.28 =$  \_\_\_\_\_

8  $8.9 + 3.35 =$  \_\_\_\_\_

9  $7.82 + 6.4 =$  \_\_\_\_\_

10  $5.07 + 2.5 =$  \_\_\_\_\_

11  $12.19 + 3.70 =$  \_\_\_\_\_

12  $4.3 + 9.84 =$  \_\_\_\_\_

13  $12.05 + 10.34 =$  \_\_\_\_\_

14  $8.64 + 1.6 =$  \_\_\_\_\_

15  $9.35 + 2.89 =$  \_\_\_\_\_

16  $3.01 + 7.4 =$  \_\_\_\_\_

17  $4.49 + 5.29 =$  \_\_\_\_\_

18  $11.17 + 6.53 =$  \_\_\_\_\_

19  $7.20 + 8.20 =$  \_\_\_\_\_

20  $8.14 + 2.39 =$  \_\_\_\_\_

21  $1.06 + 3.2 =$  \_\_\_\_\_

22  $2.77 + 4.15 =$  \_\_\_\_\_

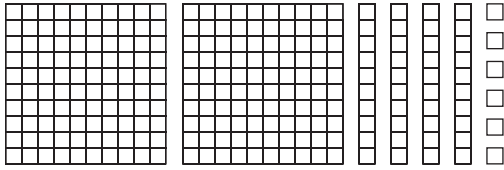
23  $5.92 + 7.3 =$  \_\_\_\_\_

24  $10.5 + 1.27 =$  \_\_\_\_\_

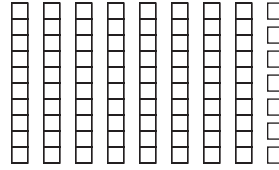
## Practice: Skills

Subtract using decimal models.

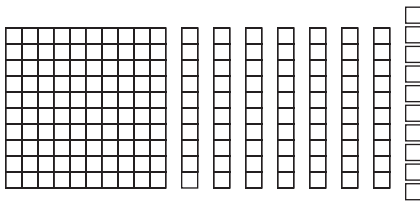
1  $2.46 - 0.3 =$  \_\_\_\_\_



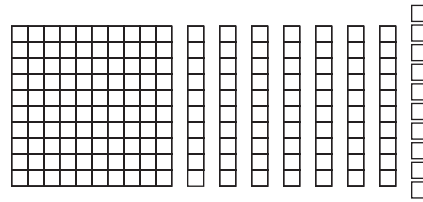
2  $0.87 - 0.56 =$  \_\_\_\_\_



3  $1.8 - 0.79 =$  \_\_\_\_\_



4  $2.35 - 1.74 =$  \_\_\_\_\_



Subtract.

5  $14.86 - 9.31 =$  \_\_\_\_\_

6  $7 - 4.25 =$  \_\_\_\_\_

7  $37.04 - 15.3 =$  \_\_\_\_\_

8  $23.46 - 8.58 =$  \_\_\_\_\_

9 
$$\begin{array}{r} 23.81 \\ - 14.29 \\ \hline \end{array}$$

10 
$$\begin{array}{r} 4.37 \\ - 3.62 \\ \hline \end{array}$$

11 
$$\begin{array}{r} \$16.00 \\ - \$7.05 \\ \hline \end{array}$$

12 
$$\begin{array}{r} \$80.25 \\ - \$31.04 \\ \hline \end{array}$$

13 
$$\begin{array}{r} 86.52 \\ - 31.2 \\ \hline \end{array}$$

14 
$$\begin{array}{r} 20.01 \\ - 9.98 \\ \hline \end{array}$$

15 
$$\begin{array}{r} \$42.73 \\ - \$11.24 \\ \hline \end{array}$$

16 
$$\begin{array}{r} 52.18 \\ - 26.39 \\ \hline \end{array}$$

17 
$$\begin{array}{r} 59.84 \\ - 2.71 \\ \hline \end{array}$$

18 
$$\begin{array}{r} 8.42 \\ - 0.47 \\ \hline \end{array}$$

## Practice: Skills

## Who is Correct?

- 1 Find
- $5.24 \times 0.3$
- . Who is correct? \_\_\_\_\_

Pamela

$$\begin{array}{r} 1 \\ 5.24 \\ \times 0.3 \\ \hline 15.72 \end{array}$$

Travis

$$\begin{array}{r} 5.24 \\ \times 0.3 \\ \hline 1.562 \end{array}$$

Jorge

$$\begin{array}{r} 1 \\ 5.24 \\ \times 0.3 \\ \hline 1.572 \end{array}$$

- 2 Find
- $4.5 \times 1.2^2$
- . Who is correct? \_\_\_\_\_

Allen

$$\begin{array}{r} 1 \\ 1.2 \\ \times 2 \\ \hline 2.4 \\ + 90 \\ \hline 2.70 \end{array}$$

Sandra

$$\begin{array}{r} 11 \\ 1.2 \\ \times 1.2 \\ \hline 2.4 \\ + 1.2 \\ \hline 1.44 \end{array}$$

$$\begin{array}{r} 11 \\ 1.44 \\ \times 4.5 \\ \hline 7.20 \\ + 5.76 \\ \hline 6.480 \end{array}$$

Paloma

$$\begin{array}{r} 11 \\ 4.5 \\ \times 1.2 \\ \hline 90 \\ + 4.5 \\ \hline 5.40 \end{array}$$

$$\begin{array}{r} 11 \\ 5.4 \\ \times 5.4 \\ \hline 216 \\ + 270 \\ \hline 29.16 \end{array}$$

## Multiply.

- 3  $\$2.46 \times 0.5 =$  \_\_\_\_\_
- 4  $23.16 \times 0.29 =$  \_\_\_\_\_
- 5  $\$5.38 \times 7.00 =$  \_\_\_\_\_
- 6  $4.82 \times 6.05 =$  \_\_\_\_\_
- 7  $0.008 \times 35.4 =$  \_\_\_\_\_
- 8  $0.04 \times 1.58 =$  \_\_\_\_\_
- 9  $6.83 \times 10^2 =$  \_\_\_\_\_
- 10  $5 \times 4.2^3 =$  \_\_\_\_\_

## Practice: Skills

Divide. Place the decimal by estimation.

1  $6.13 \overline{)323.664}$

$6.13 \approx$  \_\_\_\_\_

$323.664 \approx$  \_\_\_\_\_

Estimate  $\approx$  \_\_\_\_\_

2  $3.2 \overline{)49}$

$3.2 \approx$  \_\_\_\_\_

$49 \approx$  \_\_\_\_\_

Estimate  $\approx$  \_\_\_\_\_

Who is Correct?

3 Find  $2.082 \div 0.6$ . Who is correct? \_\_\_\_\_

Amado

$$\begin{array}{r} \textcircled{347} \\ 600 \overline{)2082} \\ \underline{18} \phantom{00} \\ 28 \phantom{00} \\ \underline{24} \phantom{00} \\ 42 \phantom{00} \\ \underline{42} \phantom{00} \\ 0 \end{array}$$

Pete

$$\begin{array}{r} \textcircled{0.347} \\ 0.6 \overline{)2.082} \\ \underline{18} \phantom{00} \\ 28 \phantom{00} \\ \underline{24} \phantom{00} \\ 42 \phantom{00} \\ \underline{42} \phantom{00} \\ 0 \end{array}$$

Mandy

$$\begin{array}{r} \textcircled{3.47} \\ 6 \overline{)20.82} \\ \underline{18} \phantom{00} \\ 28 \phantom{00} \\ \underline{24} \phantom{00} \\ 42 \phantom{00} \\ \underline{42} \phantom{00} \\ 0 \end{array}$$

Divide.

4  $0.08 \overline{)7.2}$

5  $2.2 \overline{)0.418}$

6  $0.34 \overline{)1.7}$

7  $0.09 \overline{)3.6}$

8  $1.5 \overline{)42.9}$

9  $0.48 \overline{)2.5}$

## Practice: Skills

Perform the indicated operation. Round to the nearest hundredth is needed.

- 1  $\frac{7}{8} \times \frac{-4}{21} =$  \_\_\_\_\_
- 2  $1.24 - (-3.5) =$  \_\_\_\_\_
- 3  $-6.84 + 1\frac{3}{4} =$  \_\_\_\_\_
- 4  $18.96 \div -2.4 =$  \_\_\_\_\_
- 5  $-2.66 + -1.87 =$  \_\_\_\_\_
- 6  $-6.72 \times -0.05 =$  \_\_\_\_\_
- 7  $-2\frac{1}{2} \div \frac{-5}{9} =$  \_\_\_\_\_
- 8  $\frac{-2}{5} - \frac{1}{2} =$  \_\_\_\_\_

## Who is Correct?

- 9 Eli walked 2.25 miles on Friday. On Saturday his walk was 3 miles longer. How many miles did Eli walk on Saturday? \_\_\_\_\_

Laurie

$$\begin{array}{r} 2.25 \\ + 3 \\ \hline 5.25 \\ \text{5.25 miles} \end{array}$$

Mike

$$\begin{array}{r} 1 \\ 2.25 \\ + 3 \\ \hline 6.75 \\ \text{6.75 miles} \end{array}$$

Nora

$$\begin{array}{r} 2.25 \\ + 3 \\ \hline 2.28 \\ \text{2.28 miles} \end{array}$$

Solve. Name the operation you used. Use estimation to verify your is reasonable.

- 10 **DINING** Reina, Felicia, and Sofia met at a local restaurant for dinner. Their bill is shown. How much does each person owe if they split the bill equally?
- \_\_\_\_\_

steak	\$8.00
tea	\$1.00
salad	\$4.25
tea	\$1.00
hamburger	\$5.00
diet soda	\$1.25
Subtotal	\$20.50
Tax	\$1.49
Total	\$21.99
Tip	\$3.96
Total	\$25.95