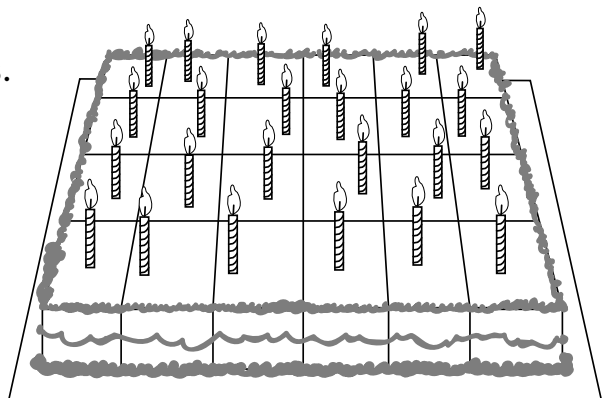


Name \_\_\_\_\_

1

Here is a birthday cake cut into pieces.



How many pieces do you see?



**Try This**

- Model the first fraction using Fraction Tower Cubes.
- Use hints to model an equivalent fraction.
- Fill in the answer blanks.

1.  $\frac{3}{4} = \frac{\quad}{8}$

3 \_\_\_\_\_ = \_\_\_\_\_ blue

3.  $\frac{8}{12} = \frac{\quad}{6}$

\_\_\_\_\_ black = \_\_\_\_\_

5.  $\frac{3}{4} = \frac{\quad}{12}$

7.  $\frac{1}{2} = \frac{\quad}{10}$

9.  $\frac{\quad}{8} = \frac{1}{4}$

2.  $\frac{1}{3} = \frac{\quad}{12}$

\_\_\_\_\_ orange = \_\_\_\_\_

4.  $\frac{4}{10} = \frac{\quad}{5}$

\_\_\_\_\_ = \_\_\_\_\_

6.  $\frac{2}{3} = \frac{\quad}{6}$

8.  $\frac{3}{5} = \frac{\quad}{10}$

10.  $\frac{6}{12} = \frac{\quad}{4}$

Model  
first  
fraction.

Model  
equivalent  
fraction.

**Challenge**

Find an equivalent fraction without using cubes. Show your work.

$\frac{1}{2} = \frac{\quad}{20}$

$\frac{1}{4} = \frac{\quad}{16}$

$\frac{2}{3} = \frac{\quad}{9}$

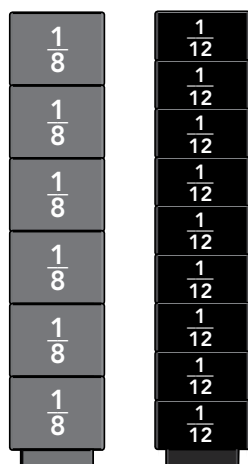
$\frac{4}{20} = \frac{\quad}{5}$

$\frac{10}{15} = \frac{\quad}{3}$



**Use Fraction Towers to build the model.  
Write the missing numerator.**

1.  $\frac{6}{8} = \frac{\quad}{12}$



2.  $\frac{8}{10} = \frac{\quad}{5}$



**Use Fraction Towers to model the given fraction  
and equivalent fraction. Draw your model. Write  
the missing numerator.**

3.  $\frac{1}{3} = \frac{\quad}{12}$

4.  $\frac{6}{12} = \frac{\quad}{6}$

**Find the equivalent fraction. Write the missing numerator.**

5.  $\frac{2}{5} = \frac{\quad}{10}$

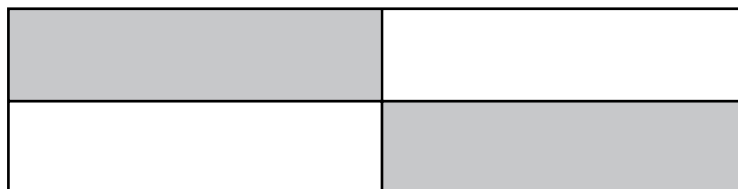
6.  $\frac{3}{12} = \frac{\quad}{4}$

7.  $\frac{8}{12} = \frac{\quad}{6}$

Name \_\_\_\_\_

**2**

What fraction of the rectangle is shaded?



**Try This**

- Model the first fraction using Fraction Tower Cubes.
- Use color hints to model an equivalent fraction in simplest form.
- Fill in the answer blanks.

1.  $\frac{8}{12} = \frac{\quad}{3}$

8 \_\_\_\_\_ = \_\_\_\_\_ orange

3.  $\frac{9}{12} = \frac{\quad}{\quad}$

\_\_\_\_\_ black = \_\_\_\_\_

5.  $\frac{5}{10} = \frac{\quad}{\quad}$

7.  $\frac{10}{12} = \frac{\quad}{\quad}$

9.  $\frac{6}{8} = \frac{\quad}{\quad}$

2.  $\frac{2}{8} = \frac{\quad}{4}$

\_\_\_\_\_ blue = \_\_\_\_\_

4.  $\frac{2}{10} = \frac{\quad}{\quad}$

\_\_\_\_\_ = \_\_\_\_\_

6.  $\frac{6}{12} = \frac{\quad}{\quad}$

8.  $\frac{5}{6} = \frac{\quad}{\quad}$

10.  $\frac{7}{10} = \frac{\quad}{\quad}$

Model  
first  
fraction.Model  
equivalent  
fraction.**Challenge**

Find an equivalent fraction without using cubes.  
Show your work.

$\frac{8}{10} = \frac{\quad}{\quad}$

$\frac{6}{9} = \frac{\quad}{\quad}$

$\frac{9}{10} = \frac{\quad}{\quad}$

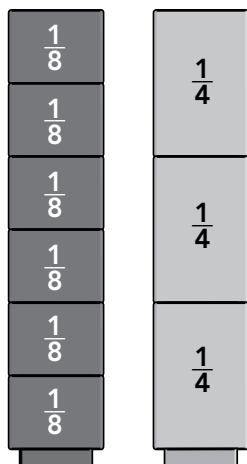
$\frac{4}{6} = \frac{\quad}{\quad}$

$\frac{4}{12} = \frac{\quad}{\quad}$

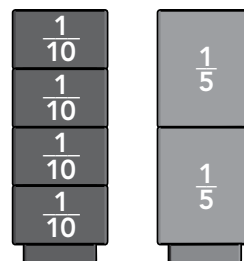


**Use Fraction Towers to build the model. Write the missing numerator to rename the fraction.**

1.  $\frac{6}{8} = \frac{\quad}{4}$



2.  $\frac{4}{10} = \frac{\quad}{5}$



**Use Fraction Towers to model the given fraction and the equivalent fraction in simplest form. Draw your model. Write the fraction.**

3.  $\frac{5}{10} = \frac{\quad}{\quad}$

4.  $\frac{8}{12} = \frac{\quad}{\quad}$

**Write the fraction in simplest form.**

5.  $\frac{10}{12} = \frac{\quad}{\quad}$

6.  $\frac{6}{10} = \frac{\quad}{\quad}$

7.  $\frac{9}{12} = \frac{\quad}{\quad}$

Name \_\_\_\_\_

**3**

Can these be shared equally among 3 people?

**a.** 8 chairs

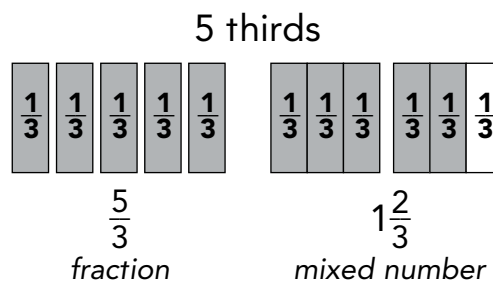
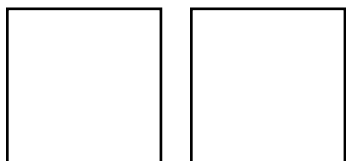
**b.** 12 pens

**c.** 20 pennies

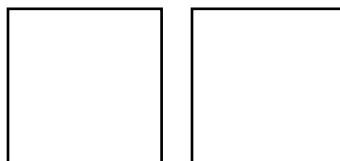


**Try This**

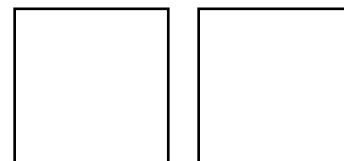
- Choose the appropriate Fraction Square pieces to model the problem.
- Draw and color the fraction parts on the squares shown.
- Write the fraction and the mixed number.

**1.** 3 halves

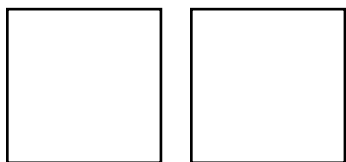
\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

**2.** 5 fourths

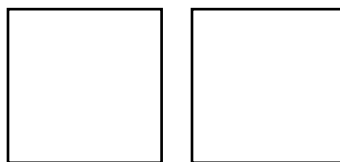
\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

**3.** 4 thirds

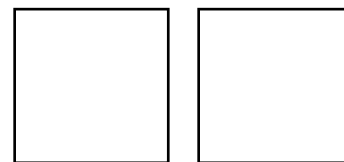
\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

**4.** 7 fifths

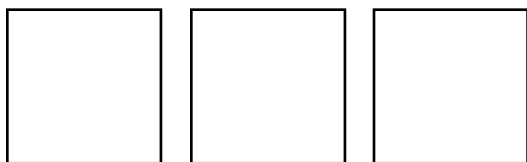
\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

**5.** 11 eighths

\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

**6.** 11 tenths

\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

**7.** 8 thirds

\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

**8.** 11 fourths

\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number



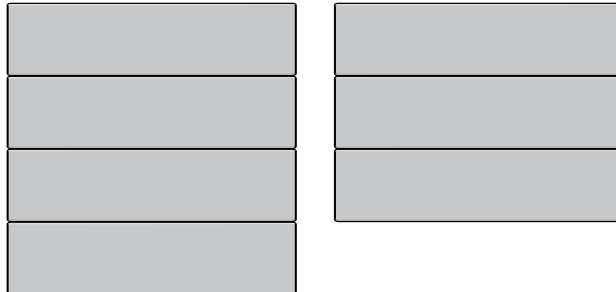
**Use Fraction Squares to build the model. Write the number the model represents as a fraction and as a mixed number.**

1. 3 halves



\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

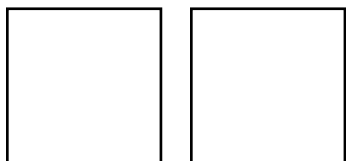
2. 7 fourths



\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

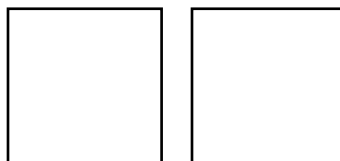
**Use Fraction Squares to model the number. Draw the model on the squares shown. Write the number as a fraction and as a mixed number.**

3. 5 thirds



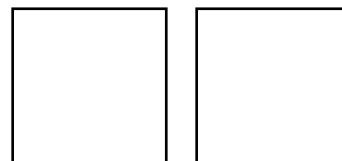
\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

4. 8 fifths



\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

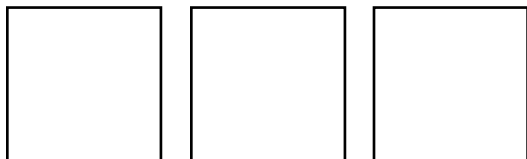
5. 7 sixths



\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

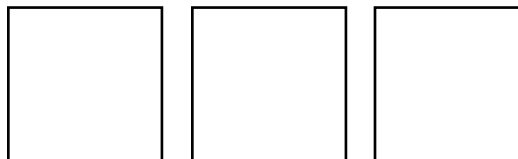
**Draw a model of the number on the squares shown. Write the number as a fraction and as a mixed number.**

6. 5 halves



\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

7. 9 fourths



\_\_\_\_\_ = \_\_\_\_\_  
fraction      mixed number

Name \_\_\_\_\_

**4**

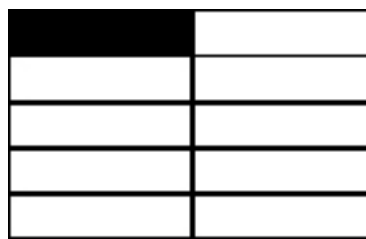
**a.** What fraction is shaded?

**A.**  $\frac{1}{10}$

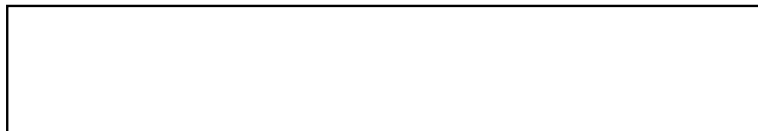
**B.**  $\frac{1}{20}$

**C.**  $\frac{1}{2}$

**D.**  $\frac{1}{4}$



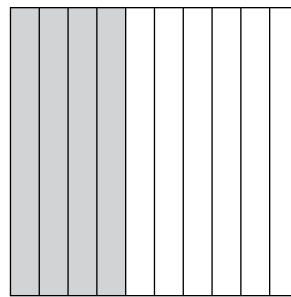
**b.** Shade the same fraction of this shape.



**Try This**

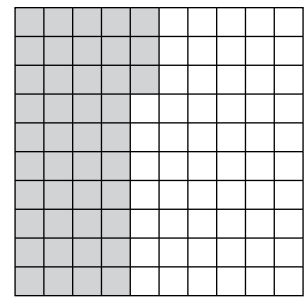
- Use Base Ten Blocks to model each fraction.
- Choose a tenths or hundredths grid to draw the fraction. Label the grid with its corresponding problem number.
- Fill in the blanks with the decimal name, fraction, or decimal for each problem.

4 tenths



$$\frac{4}{10} = 0.4$$

43 hundredths



$$\frac{43}{100} = 0.43$$

1. 2 tenths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

2. 27  $\frac{27}{100}$  =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

3. 20 hundredths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

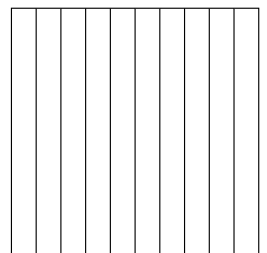
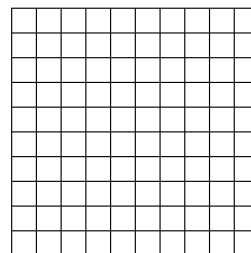
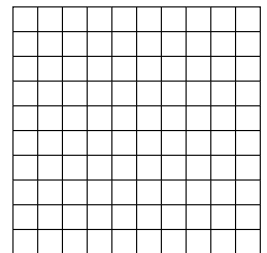
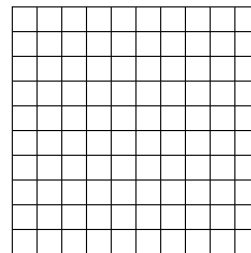
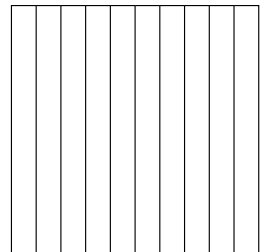
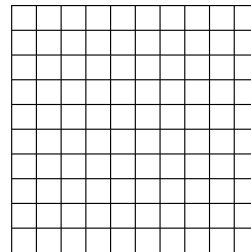
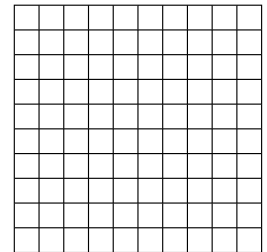
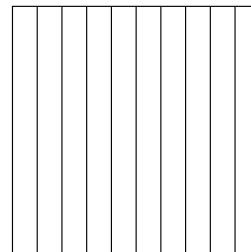
4. 6  $\frac{0.6}{\text{decimal}}$  =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

5. 68  $\frac{0.68}{\text{decimal}}$  =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

6. 33 hundredths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

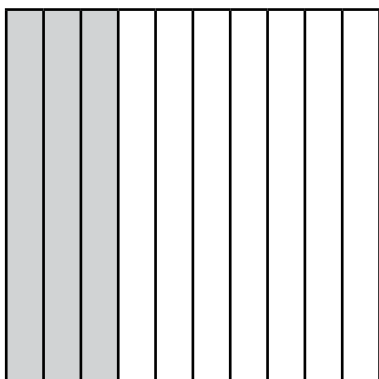
7. 9  $\frac{9}{100}$  =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

8. 10 tenths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

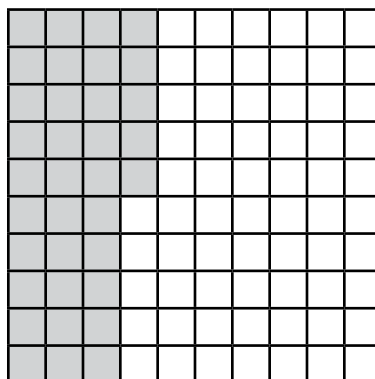


**Use Base Ten Blocks to build the model. Write the number as a fraction and as a decimal number.**

1. 3 tenths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

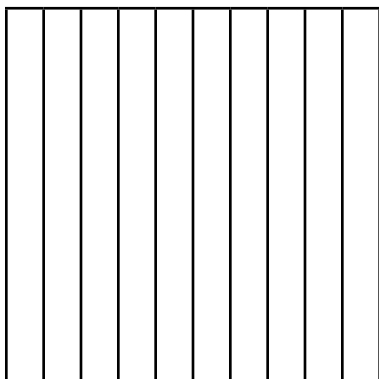


2. 35 hundredths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$

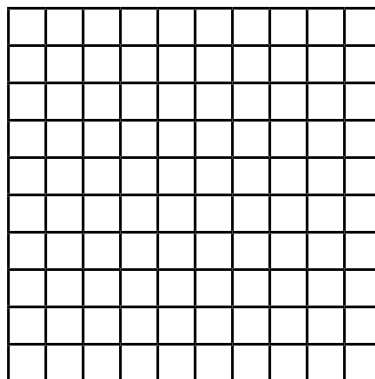


**Use Base Ten Blocks to model the number. Draw the model by shading the grid. Fill in the blanks.**

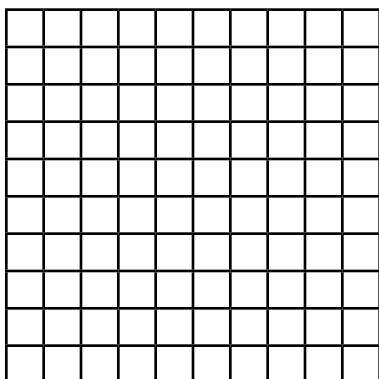
3. 6 tenths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$



4. 27 hundredths =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$



5. 18  $\frac{18}{100}$  =  $\frac{18}{100}$  =  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{decimal}}$



6. 42  $\frac{\quad}{\text{fraction}}$  =  $\frac{\quad}{\text{fraction}}$  = 0.42 =  $\frac{\quad}{\text{decimal}}$

