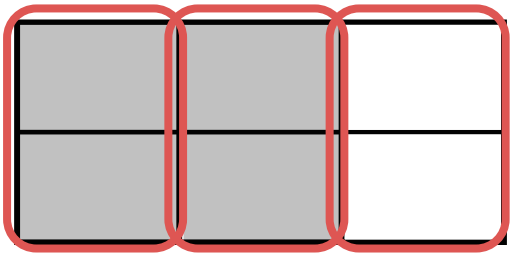
Name _____ Date _____

Each rectangle represents 1.

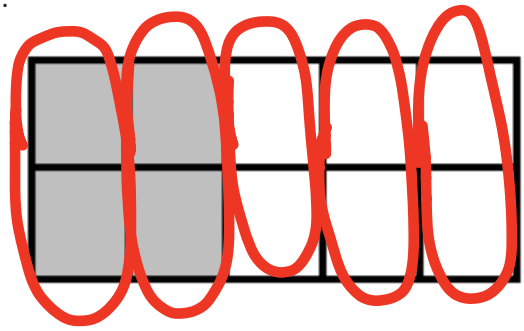
1. Compose the shaded fraction into larger fractional units. Express the equivalent fractions in a number sentence using division. The first one has been done for you.

a.



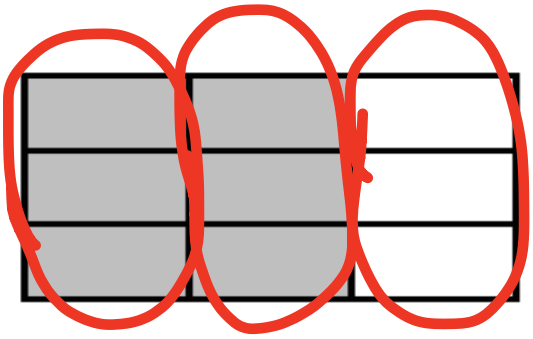
$\frac{4}{6} = \frac{4 \div 2}{6 \div 2} = \frac{2}{3}$

b.



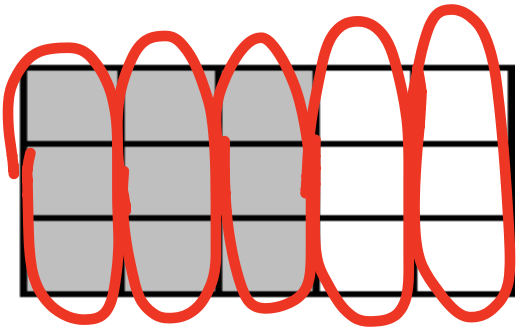
$\frac{4 \div 2}{10 \div 2} = \frac{2}{5}$

c.



$\frac{6 \div 3}{9 \div 3} = \frac{2}{3}$

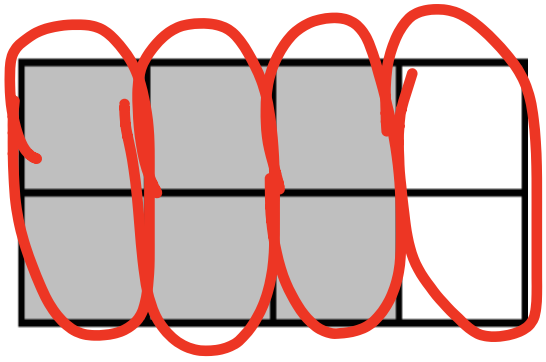
d.



$\frac{9 \div 3}{15 \div 3} = \frac{3}{5}$

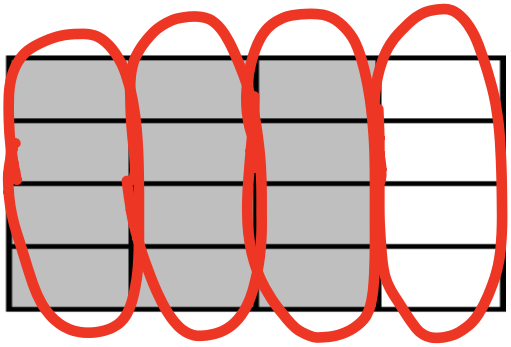
2. Compose the shaded fractions into larger fractional units. Express the equivalent fractions in a number sentence using division.

a.



$\frac{6 \div 2}{8 \div 2} = \frac{3}{4}$

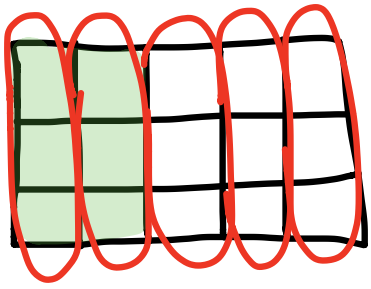
b.



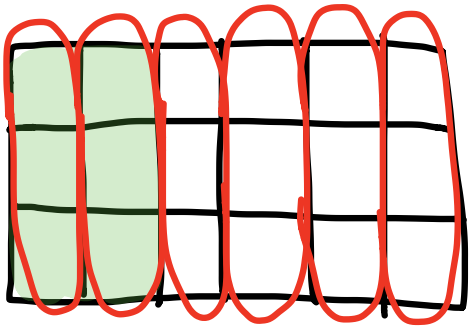
$\frac{12 \div 4}{16 \div 4} = \frac{3}{4}$

3. Draw an area model to represent each number sentence below.

a. $\frac{6}{15} = \frac{6 \div 3}{15 \div 3} = \frac{2}{5}$



b. $\frac{6}{18} = \frac{6 \div 3}{18 \div 3} = \frac{2}{6}$



4. Use division to rename each fraction given below. Draw a model if that helps you. See if you can use the largest common factor.

a. $\frac{6}{12}$

$\frac{6 \div 6}{12 \div 6} = \frac{1}{2}$

Note: Using the largest common factor is not a requirement.

b. $\frac{4}{12}$

$\frac{4 \div 4}{12 \div 4} = \frac{1}{3}$

c. $\frac{8}{12}$

$\frac{8 \div 4}{12 \div 4} = \frac{2}{3}$

d. $\frac{12}{18}$

$\frac{12 \div 6}{18 \div 6} = \frac{2}{3}$