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. \[
   \frac{9}{12} = \frac{9 \div 3}{12 \div 3} = \frac{3}{4}
   \]
   
   c. \[
   \frac{6}{10} = \frac{6 \div 2}{10 \div 2} = \frac{3}{5}
   \]
   
   d. \[
   \frac{6}{8} = \frac{6 \div 2}{8 \div 2} = \frac{3}{4}
   \]

2. Compose the shaded fractions into larger fractional units. Express the equivalent fractions in a number sentence using division.
   
   a. \[
   \frac{4}{6} = \frac{4 \div 2}{6 \div 2} = \frac{2}{3}
   \]
   
   b. \[
   \frac{8}{12} = \frac{8 \div 4}{12 \div 4} = \frac{2}{3}
   \]
3. Draw an area model to represent each number sentence below.

a. \[
\frac{4}{10} = \frac{4 + 2}{10 + 2} = \frac{2}{5}
\]

b. \[
\frac{6}{9} = \frac{6 \div 3}{9 \div 3} = \frac{2}{3}
\]

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. \[
\frac{4}{8} = \frac{4 \div 4}{8 \div 4} = \frac{1}{2}
\]

b. \[
\frac{12}{16} = \frac{12 \div 4}{16 \div 4} = \frac{3}{4}
\]

c. \[
\frac{12}{20} = \frac{12 \div 4}{20 \div 4} = \frac{3}{5}
\]

d. \[
\frac{16}{20} = \frac{16 \div 4}{20 \div 4} = \frac{4}{5}
\]