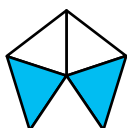
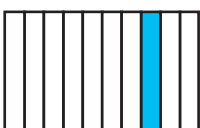
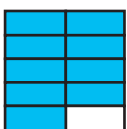
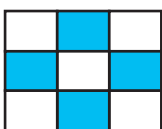
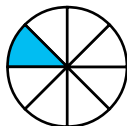
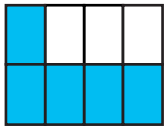
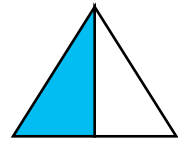
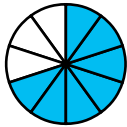
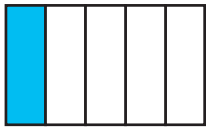


Match.



$$\frac{7}{10}$$

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

$$\frac{1}{8}$$

$$\frac{5}{8}$$

$$\frac{5}{9}$$

$$\frac{1}{2}$$

$$\frac{2}{7}$$

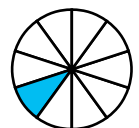
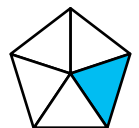
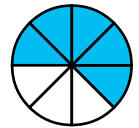
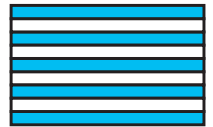
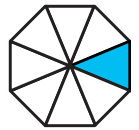
$$\frac{8}{9}$$

$$\frac{1}{10}$$

$$\frac{2}{5}$$

$$\frac{4}{9}$$

$$\frac{9}{10}$$



To express a fraction in lowest terms, follow these steps.

- a) Ask: Do the numerator and denominator have common factors?
(Remember that a factor divides without a remainder.)

$$\frac{4}{8}$$

The factors of 4 are 1, 2, and 4.
The factors of 8 are 1, 2, 4, and 8.

- b) Find the greatest common factor.
4 is the greatest common factor.

- c) Divide the numerator and denominator by the greatest common factor.

$$\frac{4}{8} \quad 4 \div 4 = 1 \quad 8 \div 4 = 2 \quad \frac{4}{8} = \frac{1}{2}$$

Your answer:

$$\frac{4}{8} \text{ expressed in lowest terms is } \frac{1}{2}.$$

the same

$$\frac{2}{4} \div 2 = \frac{1}{2} \quad \frac{2}{4} = \frac{1}{2}$$

$$\frac{4}{8} \div 2 = \frac{1}{2} \quad \frac{4}{8} = \frac{1}{2}$$

Express in lowest terms.

$$\frac{4}{8} =$$

$$\frac{2}{10} =$$

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

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

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

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

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

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

$$\frac{2}{8} =$$

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

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

Express in lowest terms.

$$\frac{9}{15} =$$

$$\frac{10}{18} =$$

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

$$\frac{8}{16} =$$

$$\frac{12}{20} =$$

$$\frac{3}{12} =$$

$$\frac{4}{18} =$$

$$\frac{6}{14} =$$

$$\frac{2}{12} =$$

$$\frac{6}{15} =$$

$$\frac{10}{20} =$$

$$\frac{8}{14} =$$

$$\frac{2}{18} =$$

$$\frac{10}{14} =$$

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

$$\frac{9}{12} =$$

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

$$\frac{9}{18} =$$

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

$$\frac{4}{14} =$$

$$\frac{8}{20} =$$

$$\frac{2}{14} =$$

$$\frac{2}{16} =$$

$$\frac{11}{22} =$$

$$\frac{14}{21} =$$

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

$$\frac{10}{12} =$$

$$\frac{12}{18} =$$

$$\frac{8}{12} =$$

$$\frac{12}{14} =$$

$$\frac{12}{16} =$$

$$\frac{24}{27} =$$

To divide mixed numbers, follow these steps.

$$1\frac{1}{2} \div 2\frac{7}{8}$$

- (a) Change mixed numbers to improper fractions.

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

$$2\frac{7}{8} = \frac{23}{8}$$

- (b) Find the inverse of the divisor.

$$\frac{3}{2} \div \frac{23}{8} \rightarrow \frac{8}{23}$$

- (c) Multiply.

$$\frac{3}{2} \times \frac{8}{23} = \frac{24}{46}$$

- (d) Express answer in lowest terms.

$$\frac{24}{46} = \frac{12}{23}$$

Your answer $\frac{12}{23}$

Divide. Express answers in lowest terms.

$$4\frac{2}{5} \div 1\frac{7}{8} =$$

$$3\frac{1}{2} \div 1\frac{3}{4} =$$