

Can you simplify a fraction to lowest terms?

$$\frac{36}{48} \div 12 = \frac{3}{4}$$

$$\frac{20}{25} \div 5 = \frac{4}{5}$$

Can you convert mixed numbers to improper fractions (and the reverse)?

$$1\frac{2}{3} \rightarrow 1 = \frac{3}{3} + \frac{2}{3} = \frac{5}{3}$$

$$2\frac{1}{4} \rightarrow \frac{4}{4} + \frac{4}{4} + \frac{1}{4} = 1 + 1 + \frac{1}{4} = 2\frac{1}{4}$$

Can you find an equivalent fractions?

$$\frac{1}{4} \times 2 = \frac{2}{8}$$

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

$$\frac{12}{15} \times 3 = \frac{36}{45}$$

$$\frac{16}{24} \div 8 = \frac{2}{3}$$

Can you compare using

<, =, >

- convert to %
- use models
- fraction strips
- benchmarks

Order from least → greatest

$$\frac{1}{2}, \frac{9}{10}, \frac{3}{8}, \frac{3}{4}$$

$$\rightarrow \frac{1}{2}, \frac{3}{8}, \frac{3}{4}, \frac{9}{10}$$

Can you use proportional reasoning to find missing values?

$$\frac{16}{20} = \frac{?}{100}$$

$$\frac{16}{20} = \frac{80}{100}$$

or 80%