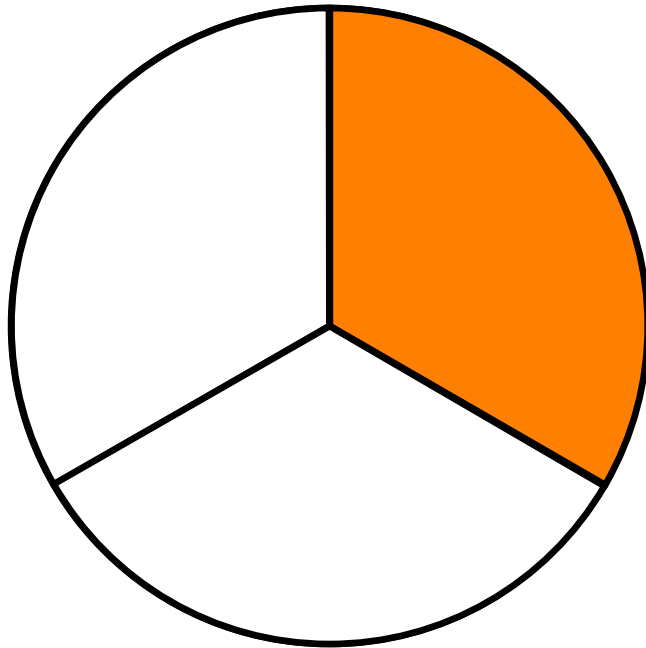


fraction

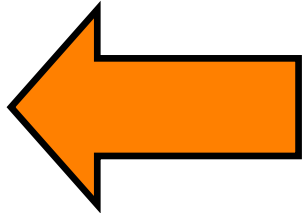
$\frac{6}{8}$
 $\frac{3}{4}$
 $\frac{1}{3}$



Fractions are
equal parts of
whole things.

numerator

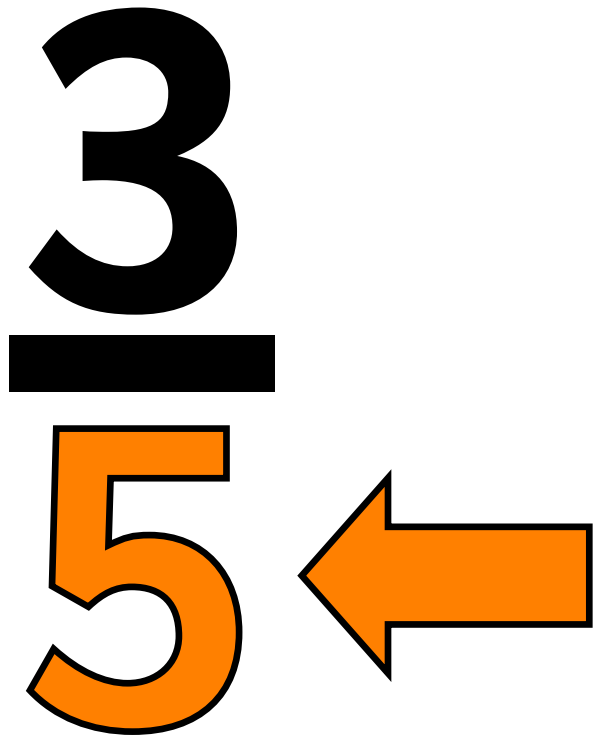
$$\frac{1}{2}$$



The part of a fraction
above the line.

It tells how many parts
are being counted.

denominator



The part of a fraction
below the line.

It tells how many
equal parts there are
in the whole thing.

proper fraction

$\frac{2}{6}$

A fraction where the numerator is less than the denominator.

$\frac{1}{4}$
 $\frac{2}{5}$
 $\frac{3}{9}$

improper fraction

$$\frac{7}{4}$$

A fraction where the numerator is larger than or equal to the denominator.

$$\frac{6}{5} \quad \frac{3}{2}$$
$$\frac{9}{3} \quad \frac{9}{9}$$

mixed number

A whole number and a fraction.

$1\frac{1}{4}$ $5\frac{4}{5}$ $4\frac{2}{3}$

simplest form

A fraction is in simplest form when the numerator and the denominator are as small as they can be.

$$\frac{2}{4} = \frac{1}{2} \quad \frac{8}{10} = \frac{4}{5} \quad \frac{21}{30} = \frac{7}{10}$$

equivalent fraction

Fractions that show different numbers with the same value.

$$\frac{8}{12} = \frac{4}{6} = \frac{2}{3}$$

common denominator

Fractions that all have the same denominator.

$$\frac{1}{5} \quad \frac{3}{5} \quad \frac{4}{5}$$

Simplifying fractions to have the same denominator makes them easier to add and subtract.

simplify

Finding a fraction in its simplest form where the numerator and the denominator are as small as they can be.

$$\frac{2}{4} = \frac{1}{2} \quad \frac{8}{10} = \frac{4}{5} \quad \frac{21}{30} = \frac{7}{10}$$

unit fraction

A fraction where the
numerator is 1.

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

$$\frac{1}{7}$$

$$\frac{1}{3}$$

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

non-unit fraction

A fraction where the numerator is more than 1.

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

$$\frac{3}{8}$$

$$\frac{4}{5}$$

$$\frac{2}{3}$$

proportion

Proportion says that
two fractions are equal.

$$\frac{8}{12} = \frac{4}{6} = \frac{2}{3}$$