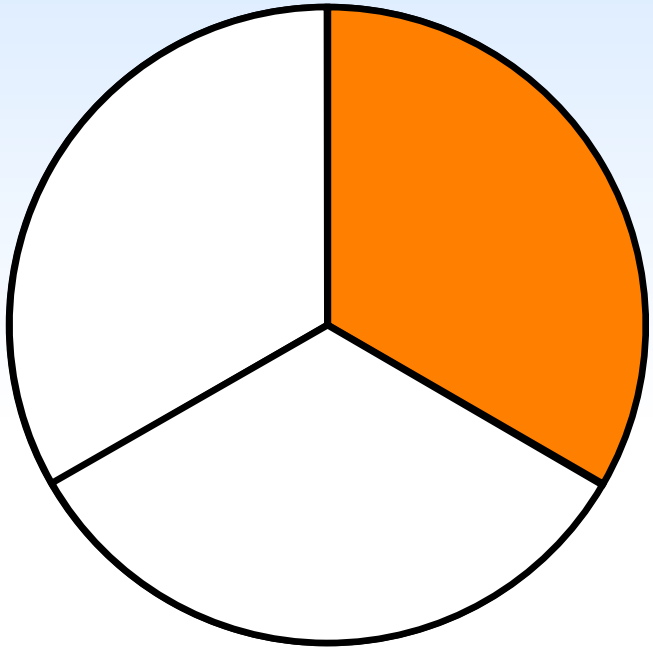
fraction

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



Fractions are equal parts of whole things.

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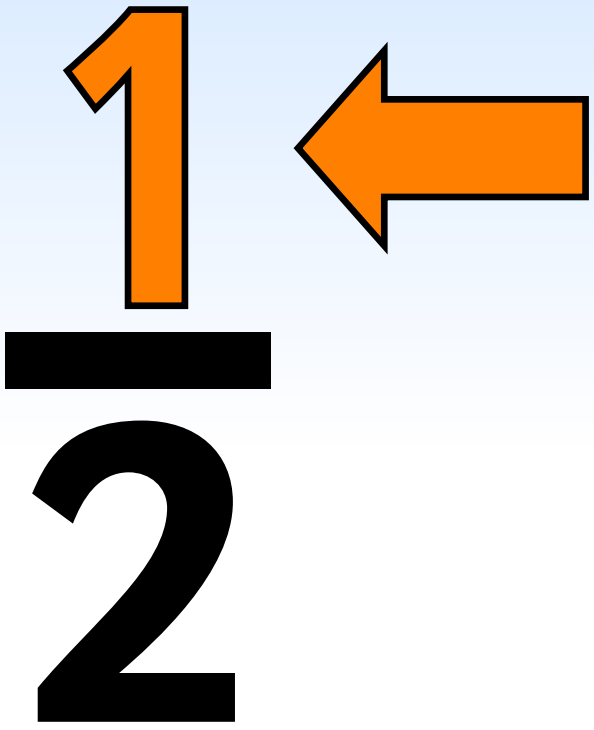
numerator



The part of a fraction above the line.

It tells how many parts are being counted.

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denominator

$\frac{3}{5}$

The part of a fraction below the line.

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

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proper fraction

$\frac{2}{6}$

A fraction where the numerator is less than the denominator.

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

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improper fraction

$\frac{7}{4}$

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

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

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mixed number

A whole number and a fraction.

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

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simplest form

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

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

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equivalent fraction

Fractions that show different numbers with the same value.

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

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common denominator

Fractions that all have the same denominator.

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

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

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simplify

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

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

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unit fraction

A fraction where the numerator is 1.

$\frac{1}{10}$ $\frac{1}{7}$ $\frac{1}{3}$ $\frac{1}{2}$

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non-unit fraction

A fraction where the numerator is more than 1.

$\frac{9}{12}$ $\frac{3}{8}$ $\frac{4}{5}$ $\frac{2}{3}$

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proportion

Proportion says that two fractions are equal.

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

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