

Fraction	A mathematical expression representing the <b>division</b> of one integer by another.  Fractions are written as <b>two numbers separated by a horizontal line</b> .	$\frac{2}{7}$ is a 'proper' fraction.  $\frac{9}{4}$ is an 'improper' or 'top-heavy' fraction.
Numerator	The <b>top</b> number of a fraction.	In the fraction $\frac{3}{5}$ , 3 is the numerator.
Denominator	The <b>bottom</b> number of a fraction.	In the fraction $\frac{3}{5}$ , 5 is the denominator.
Unit Fraction	A fraction where the <b>numerator is one</b> and the denominator is a positive integer.	$\frac{1}{2}, \frac{1}{3}, \frac{1}{4}$ <i>etc.</i> are examples of unit fractions.
Mixed Number	A number formed of both an <b>integer part</b> and a <b>fraction part</b> .	$3\frac{2}{5}$ is an example of a mixed number.
Simplifying Fractions	<b>Divide the numerator and denominator by the highest common factor.</b>	$\frac{20}{45} = \frac{4}{9}$
Equivalent Fractions	Fractions which represent the <b>same value</b> .	$\frac{2}{5} = \frac{4}{10} = \frac{20}{50} = \frac{60}{150}$ <i>etc.</i>

Fraction of an Amount	<b>Divide</b> by the <b>bottom</b> , <b>times</b> by the <b>top</b>	Find $\frac{2}{5}$ of £60 $60 \div 5 = 12$ $12 \times 2 = 24$
Multiplying Fractions	<b>Multiply</b> the <b>numerators</b> together and <b>multiply</b> the <b>denominators</b> together.	$\frac{3}{8} \times \frac{2}{9} = \frac{6}{72} = \frac{1}{12}$
Dividing Fractions	<b>‘Keep it, Flip it, Change it – KFC’</b> Keep the first fraction the same Flip the second fraction upside down Change the divide to a multiply  Multiply by the reciprocal of the second fraction.	$\frac{3}{4} \div \frac{5}{6} = \frac{3}{4} \times \frac{6}{5} = \frac{18}{20} = \frac{9}{10}$