

## Fractions, decimal fractions and percentages

Terms	Illustrations	Definition
<b>Common denominator</b>		<p>When two or more fractions have the same denominator (the number on the bottom) they have a common denominator.</p> <p>You can only add or subtract fractions if they have the same common denominator e.g. <math>\frac{2}{5}</math> and <math>\frac{3}{5}</math></p>
<b>Decimal fraction</b>		<p>A fraction where the denominator (the bottom number) is a power of ten (such as 10, 100, 1000, etc). They are written with a decimal point. E.g.</p> <p><math>\frac{7}{10}</math> is a decimal fraction and it can be shown as 0.7. This is the equivalent to 7 tenths.</p> <p><math>\frac{43}{100}</math> is a decimal fraction and it can be shown as 0.43. This is the equivalent to 4 tenths and 3 hundredths.</p> <p><math>\frac{51}{1000}</math> is a decimal fraction and it can be shown as 0.051</p> <p>This is the equivalent to 5 hundredths and 1 thousandth.</p>