## Fractions

A fraction is a part of something. Part of an object, shape, group, number or an amount.

| denominator | The bottom number of a fraction. It tells you <br> how many equal parts the shape has been <br> divided into. | $\mathbf{3 / 5}$ (5 is the denominator in <br> this fraction) |
| :---: | :--- | :--- |
| numerator | The top number of a fraction. It tells you how <br> many parts you have. | $\mathbf{3 / 5}$ (3 is the numerator in this <br> fraction) |
| equivalent | Equivalent fractions are the same size or <br> amount. | $\mathbf{3 / 5}$ is the same amount as $\mathbf{6 / 1 0}$ |
| mixed | A mixed fraction has a whole number and a <br> fractional part. | $\mathbf{2 3 / 5}$ is a mixed number |
| improper | An improper fraction is 'top heavy'. The <br> numerator is greater than the denominator. It <br> is greater than 1. | $\mathbf{8 / 5}$ is an improper fraction. <br> It is the same amount as $13 / 5$ |


| Fraction board |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 whole |  |  |  |  |  |  |  |
| 1/2 |  |  |  | $1 / 2$ |  |  |  |
|  |  |  |  |  |  |  |  |
| $1 / 8$ | $1 / 8$ | 1/8 | 1/8 | 1/8 | 1/8 | 1/8 | 1/8 |




| Fractions, decimals, percentages |  |  |
| :--- | :--- | :--- |
| 1 whole $=1.0=100 \%$ |  |  |
| $=0.75=75 \%$ |  |  |
| $1 / 2=0.5=50 \%$ | $1 / 4=0.25=25 \%$ |  |
| $1 / 4=0.25=25 \%$ |  | $1 / 2=0.5=50 \%$ |

