Percentages – An amount as a percentage of another amount

Facts

If you have 2 values and you need to find the percentage one value is of another then you need to express it as a fraction first.

Amount as a percentage

You may be asked to express an amount as a percentage of another.

For example, express 40 as a percentage of 50.

This would mean writing the numbers as a fraction, and multiplying by 100. The first amount is the numerator and the second amount is the denominator.

$\frac{40}{50} \times 100 = 80$

A different question could ask you to write 50 as a percentage of 20. Here it is very important to make sure that the first amount is the numerator and the second amount is the denominator.

$\frac{50}{20} \times 100 = 250$