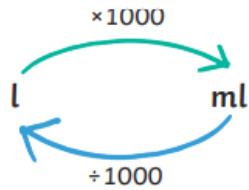


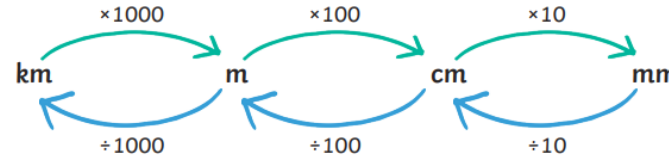
KIRF Target 34 - I can convert between different metric measurements

Converting Capacity



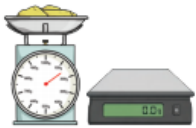
$1000\text{ml} = 1 \text{ litre}$
 $\frac{1}{10} \text{ l} = 0.1\text{l} = 100\text{ml}$
 $\frac{1}{4} \text{ l} = 0.25\text{l} = 250\text{ml}$
 $\frac{1}{2} \text{ l} = 0.5\text{l} = 500\text{ml}$
 $\frac{3}{4} \text{ l} = 0.75\text{l} = 750\text{ml}$
 $\frac{1}{100} \text{ l} = 0.01\text{l} = 10\text{ml}$

Converting Length



$1000 \text{ metres} = 1 \text{ kilometre}$
 $100\text{cm} = 1\text{m}$
 $10\text{mm} = 1\text{cm}$
 $\frac{1}{10} \text{ km} = 0.1\text{km} = 100\text{m}$
 $\frac{1}{4} \text{ km} = 0.25\text{km} = 250\text{m}$
 $\frac{1}{2} \text{ km} = 0.5\text{km} = 500\text{m}$
 $\frac{3}{4} \text{ km} = 0.75\text{km} = 750\text{m}$

Converting Mass



$1000\text{g} = 1\text{kg}$
 $\frac{1}{10} \text{ kg} = 0.1\text{kg} = 100\text{g}$
 $\frac{1}{4} \text{ kg} = 0.25\text{kg} = 250\text{g}$
 $\frac{1}{2} \text{ kg} = 0.5\text{kg} = 500\text{g}$
 $\frac{3}{4} \text{ kg} = 0.75\text{kg} = 750\text{g}$

Practising getting a 'feel' for these measurements can help you to remember. Try weighing out a kilogram to feel how heavy it is. Walk a kilometre to get an idea of how far it is, and measure a litre of water to see how much it is.

tonne = 1000 kilograms

kilogram = 1000 grams

gram = 1000 milligrams

1 kilometre = 1000 metres

1 metre = 100 centimetres

1 centimetre = 10 millimetres

1 litre = 1000 millilitres

1 centilitre = 10 millilitres

How can my parents help at home?

Making flashcards to practise these conversions can help with quick recall. As with any fluency fact, the key to learning this is to practise regularly and often and to practise in different ways. Use pictures, online games and physical models to help to make the connections. There will be activities related to this key fact on your year group's Google Classroom page. These will include worksheets and websites.

Vocabulary

How many kilograms is 4500g?

What is 3.8l in millilitres?

How many metres is 3.9km?