






Key Instant Recall Facts Year 5 – Summer 2

I can recall metric conversions.

By the end of this half term, the children should know the following facts. The aim is for the children to know these facts **instantly**.

Converting Mass		Converting Capacity	
	$1000\text{g} = 1\text{kg}$ $\frac{1}{10}\text{kg} = 0.1\text{kg} = 100\text{g}$ $\frac{1}{4}\text{kg} = 0.25\text{kg} = 250\text{g}$ $\frac{1}{2}\text{kg} = 0.5\text{kg} = 500\text{g}$ $\frac{3}{4}\text{kg} = 0.75\text{kg} = 750\text{g}$		$1000\text{ml} = 1\text{litre}$ $\frac{1}{10}\text{l} = 0.1\text{l} = 100\text{ml}$ $\frac{1}{4}\text{l} = 0.25\text{l} = 250\text{ml}$ $\frac{1}{2}\text{l} = 0.5\text{l} = 500\text{ml}$ $\frac{3}{4}\text{l} = 0.75\text{l} = 750\text{ml}$ $\frac{1}{100}\text{l} = 0.01\text{l} = 10\text{ml}$
			
Converting Length			
			
$1000\text{metres} = 1\text{kilometre}$ $100\text{cm} = 1\text{m}$ $10\text{mm} = 1\text{cm}$ $\frac{1}{10}\text{km} = 0.1\text{km} = 100\text{m}$		$\frac{1}{4}\text{km} = 0.25\text{km} = 250\text{m}$ $\frac{1}{2}\text{km} = 0.5\text{km} = 500\text{m}$ $\frac{3}{4}\text{km} = 0.75\text{km} = 750\text{m}$	

Key Vocabulary

Capacity- How much of a solid, liquid or gas an object can hold.

Convert- To change the expression without changing the size or amount.

Length- The measurement of something from end to end.

Mass- How much an object weighs.

Metric units- Units of measurement using the powers of 10.

The list above includes the conversion facts that children should know. They should be able to apply these facts to answer questions such as:

How many mm are in 3.24cm? How many cm are in 3.24m? How many metres are in $1\frac{1}{2}$ km?

Top Tips

The secret to success? Practise little and often! Can you learn these on your way to school? On a car journey? Or even at the breakfast table? You don't need to learn them all at once: start with those you are more confident with before tackling the rest. Why not practise whilst keeping active?

Questions to ask at home

What do the prefixes kilo, milli and centi mean?

Complete the sentence- There aregrams in akilogram.

Complete the sentence- To convert from metres to centimetres you

Word problems such as: Eva walks 1,750 m to the bus stop. She then rides on the bus for 5.2 km. How far has she travelled in total?

Things to try

Measure up- measure the length, mass and volume of different items in your home.

Show the measurements in different units of measure.

Ready, steady cook- help out in the kitchen to follow a recipe. Can you convert the units of measure?

How far? – Calculate some distances using unusual measurements. How tall are you in mm? How far away is London in metres?

✓ Recommended website

Topmarks: <https://www.topmarks.co.uk/maths-games/7-11-years/measures>

BBC Bitesize: <https://www.bbc.co.uk/bitesize/articles/z63qdp3#z2rp8p3>