

# KIRF: I can recall metric conversions.

Children should be able to convert between metric units of mass, length and capacity.



## What can this look like?

### Concrete:

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			● ● ●	● ●	● ● ●

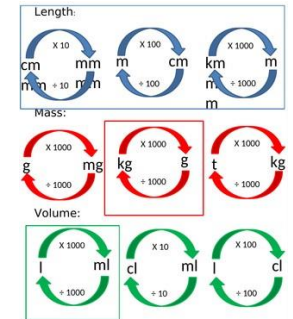
How many mm are in 3.24cm?

How many cm are in 3.24m?

### Pictorial:

Thousands	Hundreds	Tens	Ones	Tenths	Hundredths
			3	. 2	4
		3	2	. 4	
	3	2	4		

### Abstract:



### Questions to ask at home

What do the prefixes **kilo**, **milli** and **centi** mean? **1000**, **100** and **10**

Complete the sentence- there are .....grams in a kilogram. **1000**

Complete the sentence- to convert from metres to centimetres you ..... **Multiply by 100**

### 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.

### Things to try

**Measure up**- measure the length, mass and volume of different items in your home. Show the measurements in different units of measures.

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

### Websites:

<https://uk.splashlearn.com/measurement-games>

<https://www.ictgames.com/mobilePage/mostlyPostie/index.html>

<https://www.bbc.co.uk/bitesize/articles/z63qdp3>