

# KIRF: I can recall metric conversions.

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

## Concrete:

| Thousands | Hundreds | Tens | Ones  | Tenths | Hundredths |
|-----------|----------|------|-------|--------|------------|
|           |          |      | ● ● ● | ● ●    | ● ● ●      |

How many mm are in 3.24cm?

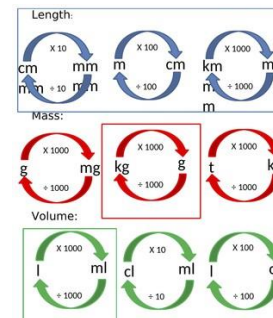
How many cm are in 3.24m?

## What can this look like?

## 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?

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

Complete the sentence- to convert from metres to centimetres you .....

## 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>

[html](https://www.bbc.co.uk/bitesize/articles/z63qdp3)

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