



## Key Instant Recall Facts

### Year 5 — Summer 2

By the end of this half term, children should know the following facts. The aim is for them to recall these facts **with speed and accuracy**:

**I can recall metric conversions.**

1 kilogram = 1000 grams

1 kilometre = 1000 metres

1 metre = 100 centimetres

1 metre = 1000 millimetres

1 centimetre = 10 millimetres

1 litre = 1000 millilitres

They should also be able to apply these facts to answer questions. e.g. How many metres in  $1\frac{1}{2}$  km?

### Key vocabulary

**convert**—to change

**centi**—one hundredth of

**kilo**—one thousand of

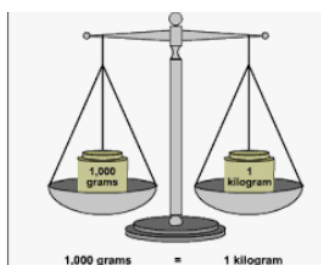
**milli**—one thousandth of

### What can this look like?

Concrete:



Pictorial:



Abstract:

1 kg = 1000g

2 kg = 2000g

5kg = 5000g

$1/2$  kg = 500g

## Top tips

The secret to success is practising **little and often**. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise?

### Key questions

Convert 2500ml into litres.

How many mm are there in 30cm?

What is 4 kilometres in metres?

What is 40 grams in kilograms?

### Things to try

**Look at prefixes** – Can your child work out the meanings of kilo-, centi- and milli-?

What other words begin with these prefixes?

**Be practical** – Do some baking and convert the measurements in the recipe.

**How far?** – Calculate some distances using unusual measurements. How tall is your child in mm? How far away is London in metres?

### Websites

<https://www.iknowit.com/lessons/d-length-conversions-metric.html>

[https://www.transum.org/software/SW/Starter\\_of\\_the\\_day/Students/Pairs.asp?Topic=18](https://www.transum.org/software/SW/Starter_of_the_day/Students/Pairs.asp?Topic=18)