

# Key Instant Recall Facts

## Year 5 Spring 2

We believe that the rapid recall of key facts underpins the success and progress of all in maths. Children will be introduced to their key facts at the beginning of each half term and then practise them regularly in class. Children will then be expected to practise these key facts at home.

The key fact this half term is  
**To recall metric conversions**

### Key Facts

1 kilogram = 1000 grams	$\frac{1}{2}$ kilogram = 500 grams
2 kilograms = 2000 grams	
1 litre = 1000 millilitres	$\frac{1}{2}$ litre = 500 millilitres
1 kilometre = 1000 metres	$\frac{1}{2}$ kilometre = 500 metres
2 kilometres is 2000 metres	
1 metre = 100 centimetres	$\frac{1}{2}$ metre = 50 centimetres
1 metre = 1000 millimetres	
1 centimetre = 10 millimetres	$\frac{1}{2}$ centimetre = 5 millimetres
They should also be able to apply these facts to answer questions e.g. How many metres in $1\frac{1}{2}$ km? <i>1500m</i>	

### Key Vocabulary

kilogram  
gram  
kilometre  
metre  
centimetre  
millimetre  
litre  
millilitres  
conversion  
convert

### MAKE IT FUN

Can you create a home conversion chart of your family (weight, height and shoe size etc.) then make comparisons between family members.

Look at the prefixes. Can you 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 using unusual measurements. How tall is each member of your family in millimetres? How far away is London in metres? How heavy is a dog in grams?

### MAKE IT LINK

[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)

<https://www.bbc.co.uk/bitesize/articles/z63qdp3#zgydxg8>

<https://wordwall.net/resource/33161/conversion-of-units>

<https://wordwall.net/resource/44435/maths/units-of-measurement-match-up-game>

### DEEPEN IT

True or False?

$1.5\text{kg} + 600\text{g} = 2.1\text{kg} + 300\text{g}$

$32\text{cm} + 1.05\text{m} = 150\text{cm} - 0.13\text{m}$

$\frac{3}{4}\text{ L} + 0.05\text{ L} = \text{half of } 1.6\text{ L}$

Explain your reasons. Can you write some similar questions for your teacher to solve?



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