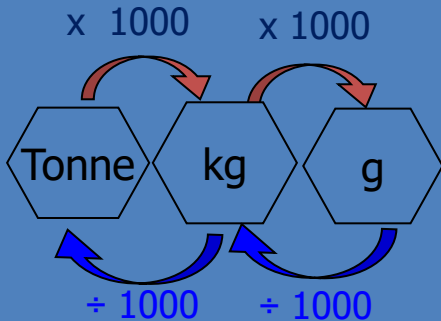


Conversion facts: Mass		Some key vocabulary- word origins			
1 kg = 1000 grams		Milli	one thousand	Mass	How heavy something is
1 tonne = 1000 kilograms		Centi	one hundredth	Capacity	How much something can hold
		Kilo	one thousand	Length	How long or wide something is
Key Vocabulary					
Convert	Change from one metric to another. For example: changing from seconds to minutes.				
Conversion fact	A fact used to help you convert between metrics. For example: there are 60 minutes in an hour.				
gram	A metric unit of mass equal to one thousandth of a kilogram.				
kilogram	A metric unit of mass equal to one thousand grams				
tonne	A tonne is a metric unit used to measure mass or weight. A tonne equals 1000 kilograms				
Example question		Measurement: Mass			
A box contains bags of crisps. Each bag of crisps contains 25 grams. Altogether, the bags of crisps inside the box weight 1 kilogram. How many bags of crisps are inside the box? Step 1: Ensure all units are the same. Convert all to grams. Step 2: Use the conversion fact that will help you. In this case it would be that there are 1000g in 1kg. Step 3: Now you are ready to select the correct operation required		<u>Example conversion</u> A pineapple has a mass of 2.12 kg. Find the mass in grams.  $1 \text{ kg} = 1000 \text{ g}$ $2.12 \times 1000 \rightarrow 2120$ - Make sure you know your appropriate conversion fact - Multiply or divide as needed - Ensure you are using the correct metric units (grams, kilograms)			
		What is appropriate to measure with...			
		Milligrams	Medicine, vitamins and other small objects		
		Grams	paperclips, a loaf of bread		
		Kilograms	people, a bag of sand		
		Tonnes	car, truck, a large cargo box		