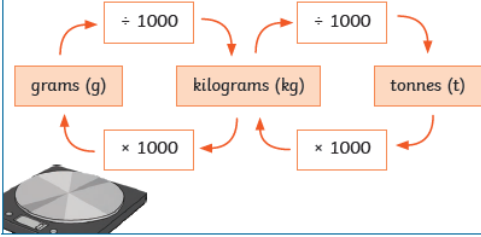
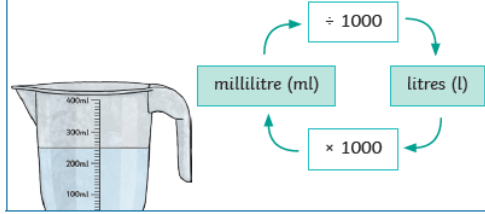


In maths we are learning about...

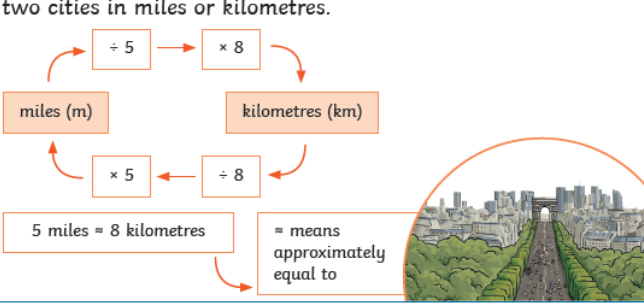

Converting Units

Knowledge Organiser

Key Vocabulary	Converting Mass	Converting Capacity
mass	$1 \text{ tonne} = 1000\text{kg}$ $1000\text{g} = 1\text{kg}$ $\frac{1}{10} \text{ kg} = 0.1\text{kg} = 100\text{g}$	$1000\text{ml} = 1\text{l}$ $\frac{1}{10} \text{ l} = 0.1\text{l} = 100\text{ml}$ $\frac{1}{4} \text{ l} = 0.25\text{l} = 250\text{ml}$
gram	$\frac{1}{4} \text{ kg} = 0.25\text{kg} = 250\text{g}$ $\frac{1}{2} \text{ kg} = 0.5\text{kg} = 500\text{g}$ $\frac{3}{4} \text{ kg} = 0.75 = 750\text{g}$	$\frac{1}{2} \text{ l} = 0.5\text{l} = 500\text{ml}$ $\frac{3}{4} \text{ l} = 0.75\text{l} = 750\text{ml}$ $\frac{1}{100} \text{ l} = 0.01\text{l} = 10\text{ml}$
kilogram		
capacity		
volume		
millilitre		
litre		
millimetre		
centimetre		
kilometre		
foot		
inch		
ounce		
pound		
stone		
pint		
gallon		

Converting Units

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Miles to Kilometres	Time
<p>You might measure the length of a road or the distance between two cities in miles or kilometres.</p> 	<p>Minute 1 minute = 60 seconds</p> <p>Hour 1 hour = 60 minutes</p> <p>Day 1 day = 24 hours</p> <p>Week 1 week = 7 days</p> <p>Year 1 year = 12 months = 52 weeks = 365 days</p> 
Imperial Measures	Metric to Imperial Conversions
<p>Things that could be measured using imperial units:</p> <ul style="list-style-type: none"> Someone's height in feet and inches The mass of a bag of sugar in ounces The mass of a sack of potatoes in pounds A person's mass in stones A carton of milk in pints The amount of water in a bath in gallons <p> $1 \text{ foot} = 12 \text{ inches}$ $1 \text{ pound} = 16 \text{ ounces}$ $1 \text{ stone} = 14 \text{ pounds}$ $1 \text{ gallon} = 8 \text{ pints}$ </p>	<p>centimetres to inches: $\div 2.5$ (cm to in), $\times 2.5$ (in to cm)</p> <p>litres to gallons: $\div 4.5$ (l to gal), $\times 4.5$ (gal to l)</p> <p>kilograms to pounds: $\div 2.2$ (kg to lb), $\times 2.2$ (lb to kg)</p> 