

Year 6 Converting Units Knowledge Organiser.

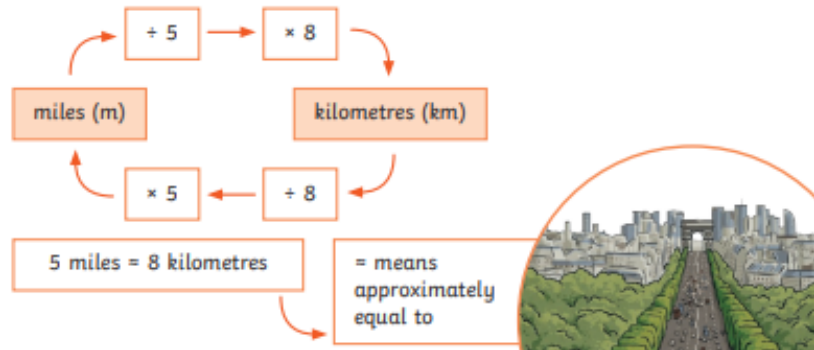
Converting Units	Knowledge Organiser	
Key Vocabulary	Converting Mass	Converting Capacity
mass	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; padding: 5px;"> <p>1 tonne = 1000kg</p> <p>1000g = 1kg</p> <p>$\frac{1}{10}$ kg = 0.1kg = 100g</p> </div> <div style="width: 45%; padding: 5px;"> <p>$\frac{1}{4}$ kg = 0.25kg = 250g</p> <p>$\frac{1}{2}$ kg = 0.5kg = 500g</p> <p>$\frac{3}{4}$ kg = 0.75 = 750g</p> </div> </div> <div style="text-align: center; margin-top: 10px;"> </div>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%; padding: 5px;"> <p>1000ml = 1l</p> <p>$\frac{1}{10}$ l = 0.1l = 100ml</p> <p>$\frac{1}{4}$ l = 0.25l = 250ml</p> </div> <div style="width: 45%; padding: 5px;"> <p>$\frac{1}{2}$ l = 0.5l = 500ml</p> <p>$\frac{3}{4}$ l = 0.75l = 750ml</p> <p>$\frac{1}{100}$ l = 0.01l = 10ml</p> </div> </div> <div style="text-align: center; margin-top: 10px;"> </div>
gram		
kilogram		
capacity		
volume		
millilitre		
litre		
millimetre		
centimetre		
kilometre		
foot	Converting Length	
inch	<div style="display: flex; justify-content: space-between;"> <div style="width: 30%; padding: 5px;"> <p>1000m = 1km</p> <p>100cm = 1m</p> <p>10mm = 1cm</p> </div> <div style="width: 30%; padding: 5px;"> <p>$\frac{1}{2}$ m = 0.5m = 50cm</p> <p>$\frac{1}{4}$ m = 0.25m = 25cm</p> </div> <div style="width: 30%; padding: 5px;"> <p>$\frac{3}{4}$ m = 0.75m = 75cm</p> <p>$\frac{1}{10}$ m = 0.01m = 10cm</p> </div> </div> <div style="text-align: center; margin-top: 10px;"> </div>	
ounce		
pound		
stone		
pint		
gallon		

Converting Units

Knowledge Organiser

Miles to Kilometres

You might measure the length of a road or the distance between two cities in miles or kilometres.



Time

Minute 1 minute = 60 seconds

Hour 1 hour = 60 minutes

Day 1 day = 24 hours

Week 1 week = 7 days

Year 1 year = 12 months = 52 weeks = 365 days



Imperial Measures

Things that could be measured using imperial units:

- 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

1 foot = 12 inches
 1 pound = 16 ounces
 1 stone = 14 pounds
 1 gallon = 8 pints

Metric to Imperial Conversions

metric (new)	imperial (old)
2.5 centimetres	1 inch
1 kilogram	2.2 pounds
4.5 litres	1 gallon

