



We aim for children to have a strong foundation of number and each year group have key number facts to become secure in. In Year 6 we will focus on and be confident in:

Conversion Facts

You can support your child by: Regularly revising conversion facts. (The more we practise the more we become fluent and remember these facts.)

Click on the link for ideas of how to practise at home - [Unit - Oak National Academy \(thenational.academy\)](https://www.thenational.academy)

| Key Vocabulary |
|----------------|
| mass |
| gram |
| kilogram |
| capacity |
| volume |
| millilitre |
| litre |
| millimetre |
| centimetre |
| kilometre |
| foot |
| inch |
| ounce |
| pound |
| stone |
| pint |
| gallon |

Converting Mass

1 tonne = 1000kg
1000g = 1kg
 $\frac{1}{10}$ kg = 0.1kg = 100g

$\frac{1}{4}$ kg = 0.25kg = 250g
 $\frac{1}{2}$ kg = 0.5kg = 500g
 $\frac{3}{4}$ kg = 0.75 = 750g

Converting Capacity

1000ml = 1l
 $\frac{1}{10}$ l = 0.1l = 100ml
 $\frac{1}{4}$ l = 0.25l = 250ml

$\frac{1}{2}$ l = 0.5l = 500ml
 $\frac{3}{4}$ l = 0.75l = 750ml
 $\frac{1}{100}$ l = 0.01l = 10ml

Converting Length

1000m = 1km
100cm = 1m
10mm = 1cm

$\frac{1}{2}$ m = 0.5m = 50cm
 $\frac{1}{4}$ m = 0.25m = 25cm

$\frac{3}{4}$ m = 0.75m = 75cm
 $\frac{1}{10}$ m = 0.1m = 10cm

Miles to Kilometres

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

= means approximately equal to

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 |