

Metric vs Imperial

Volume	Distance	Mass
millilitres (ml) centilitres (cl) litres (l)	millimetres (mm) centimetres (cm) metres (m) kilometres (km)	milligrams (mg) grams (g) kilograms (kg)
Pints (pt) gallons (gal)	inches (in) feet (ft) yards (yd)	ounces (oz) pounds (lb) stone (st)

Time Conversion

- seconds
- minutes
- hours
- days
- weeks
- months
- years

60 seconds = 1 minute

60 minutes = 1 hour

24 hours = 1 day

7 days = 1 week

28/29/30/31 days = 1 month

~365 days = 1 year

~52 weeks = 1 year

12 months = 1 year

Miles to Kilometres

5 miles ≈ 8 kilometres

e.g.

45 miles = 9 x 5 miles

9 x 8 kilometres = 72 kilometres

45 miles ≈ 72 kilometres

Year 5/6 - @MrH_T77

Converting Units

Calculating with measures

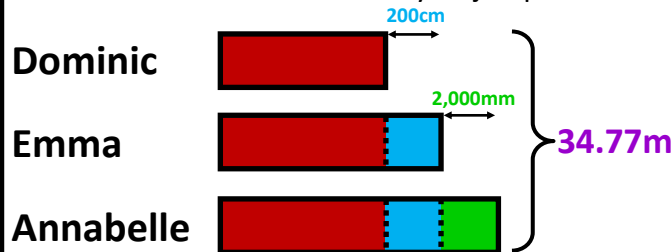
A parcel weighs 439 grams. How many kilograms would 27 parcels weigh?

$$439g \times 27 = 11,853g = 11.853kg$$

Dominic, Emma and Annabelle jumped a total of 34.77m in a long jump competition.

Emma jumped exactly 200cm further than Dominic. Annabelle jumped exactly 2,000mm further than Emma.

What distance did they all jump?



$$2,000mm = 200cm \quad 34.77m = 3,477cm$$

$$3,477cm - 200cm - 200cm - 200cm = 2,877cm$$

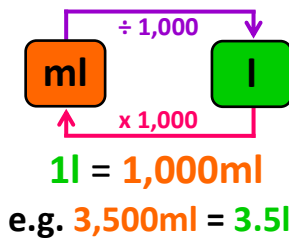
$$2,877cm \div 3 = 959cm = \text{Dominic}$$

$$959cm + 200cm = 1,159cm = \text{Emma}$$

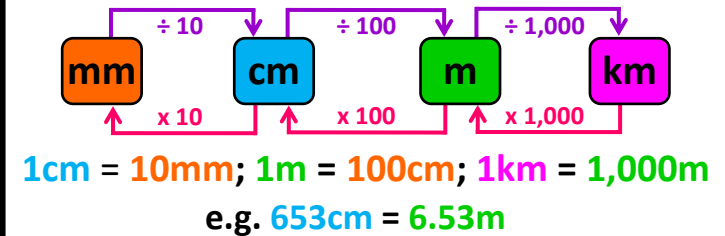
$$1,159cm + 200cm = 1,359cm = \text{Annabelle}$$

Converting metric units

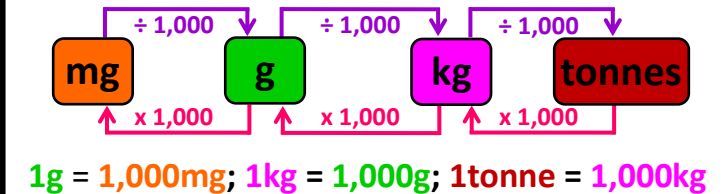
Volume



Distance



Mass



All metric units follow the pattern below; however, not all terms are regularly used (e.g. we don't regularly use cg or kl)

