


Convert the following measurements using the example below.

Metric Units — 1

Metric units include metres, grams and millilitres. Some units measure the same thing, e.g. centimetres and metres both measure distance. You need to be able to change between such units — this is called converting units.

Example

Convert 300 cm into m. $1 \text{ m} = 100 \text{ cm}$ $300 \div 100 = 3$ So 300 cm = 3 m	Convert 8300 g to kg. $1 \text{ kg} = 1000 \text{ g}$ $8300 \div 1000 = 8.3$ So 8300 g = 8.3 kg	Convert 2.35 litres into ml. $1 \text{ litre} = 1000 \text{ ml}$ $2.35 \times 1000 = 2350$ So 2.35 litres = 2350 ml
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7 118 mm to cm

Set B

Convert the following:

- 23 cm to m
- 5.82 litres to ml
- 12 000 g to kg
- 6410 mm to cm
- 3100 m to km
- 5.72 cm to mm
- 0.78 km to m

Find the missing values:

- 8.96 kg = g
- 23 400 m = km
- 10 g = kg
- 53 800 ml = litres
- 1165 cm = m
- 34.42 km = m
- 240 m = km