

Common Units of Measure

Length:

1 centimetre (cm) = 10 millimetres (mm)

1 metre (m) = 100 cm = 1000mm

1 kilometre (km) = 1000m = 100 000cm = 1 000 000mm

Mass:

1 kilogram (kg) = 1000 grams (g)

Capacity:

1 litre (l) = 1000 millilitres (ml) (also = 100 centilitres (cl))

Converting units:

Generally, to convert a larger unit to a smaller unit, multiply by the ratio.

To convert a smaller unit to a larger unit, divide by the ratio.

<i>To convert:</i>	<i>Operation:</i>
cm to mm	x10
mm to cm	÷10
m to cm	x100
cm to m	÷100
km to m	x1000
m to km	÷1000
l to ml	x1000
ml to l	÷1000

<i>To convert:</i>	<i>Operation</i>
kg to g	x1000
g to kg	÷1000
l to ml	x1000
ml to l	÷1000
l to cl	x100
cl to l	÷100
cl to ml	x10
ml to cl	÷10

Examples:

4m = 400cm

43mm = 4.3cm

12l = 12000ml

268cm = 2.68m

5km = 5000m

500g = 0.5 kg

1600g = 1.6kg

450ml = 0.45l

18cm = 180mm

2m = 2000mm

8500ml = 8.5l

4.8kg = 4800g