

*Units of Measurement*Essential information

SI units

length (mm, cm, m, km)
 mass (g, kg)
 volume (ml, litre)

Upper and lower bounds For example, 9 mm, measured to the nearest mm, means that
 $8.5 \leq \text{actual length} < 9.5$
 Here 8.5 is the lower bound and 9.5 is the upper bound

Imperial units { length (inch, foot, yard, mile)
 { mass (ounce, pound, stone)
 { volume (pint, gallon)

Conversion of units

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

1 tonne = 1000 kg
 1 kg = 1000 g

1 litre = 1000 ml
 $1 \text{ m}^3 = 1000 \text{ litres}$
 $1 \text{ cm}^3 = 1 \text{ ml}$

5 miles is approximately 8 km

1 foot is approximately 30 cm