

Measurement - Standard Units

Chapter 6: Measurement - Standard Units · Topic 1

Key Concept

Length units include millimetres, centimetres, metres, and kilometres, with 100 cm equal to 1 metre and 1000 m equal to 1 km.

Weight units include grams and kilograms, with 1000 grams equal to 1 kilogram, used for weighing objects of different sizes.

Capacity units include millilitres and litres, with 1000 ml equal to 1 litre, used for measuring liquids.

Understanding unit conversions helps us accurately measure and compare quantities in different situations, like cooking or travel.

Quick Revision Notes

- Length: mm, cm, m, km.
- $100\text{ cm} = 1\text{ m}$; $1000\text{ m} = 1\text{ km}$.
- Weight: grams, kilograms.
- $1000\text{ g} = 1\text{ kg}$.
- Capacity: millilitres, litres.
- $1000\text{ ml} = 1\text{ litre}$.
- Unit conversion aids accurate measurement.
- Useful for cooking, travel, daily life.

Practice Questions

- 1 Convert 5 metres to centimetres.
- 2 Convert 4 kilograms to grams.
- 3 Convert 3 litres to millilitres.
- 4 Convert 250 cm to metres.
- 5 Solve a word problem involving unit conversion.
- 6 Discuss why standard units are important.