



'MEASUREMENT'

Measurement Facts

We can measure things to know their **Length, Weight and Capacity**.

We can measure the length of things using non-standard units too but then the length of same thing will differ accordingly.

To avoid such differences we have **standard units** to measure the length of objects.

The standard units to measure the length of objects are **meters, centimeters and decimeters**.

We choose an appropriate unit to measure an object according to its size so that it is measured accurately.

➔ Smaller the object, the smaller unit we take to measure it. Bigger the object, a bigger unit we choose to measure its length.

We usually use a **RULER** or a **SCALE** to measure the length of an object in centimeters. A ruler has numbers, representing centimeters, marked on it.



'BASIC UNITS OF LENGTH'

1 meter(m) = 10 decimeter(dm)

1 meter(m) = 100 centimeter(cm)

1 decimeter(dm) = 10 centimeter(cm)

1 kilometer(km) = 1000 meters(s)

1 centimeter(cm) = 10 millimeter(mm)

1 meter(m) = 1000 millimeters(mm)

1 foot(ft) = 12 inches(in)

1 yard = 36 inches(in)