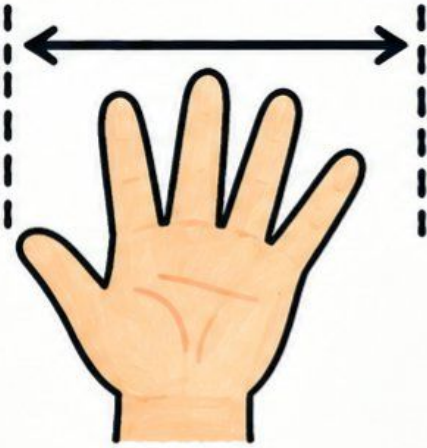
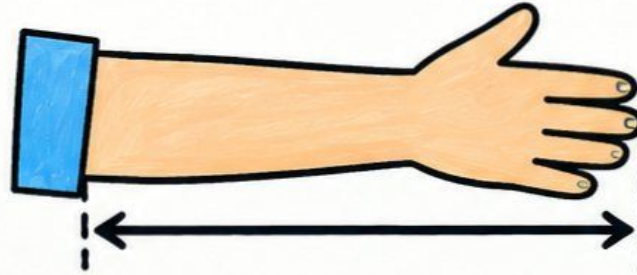


Measurement in Ancient Times



Handspan



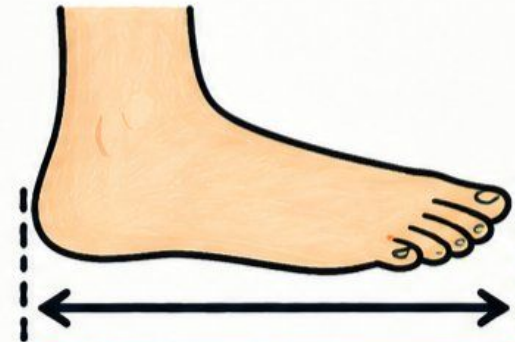
Cubit



Arm span



Pace



Foot span

Ch 10 - Fun at Class Party

- The S.I. unit of length is Metre (m)
 - S.I stands for International System of Units.
 - The other units of length are centimetre (cm) and Kilometre (km)
1. Metre (m) : We use metre to measure longer objects or distances such as the length of a room, a building or a playground.
 2. Centimetre (cm) : We use centimetre to measure shorter length such as a pencil, a book or an eraser.
 3. Kilometre (km) : We use Kilometre to measure very long distances such as the distance between Chakdaha and Kolkata.

Conversion of Units of length

- $m \xrightarrow{\times 100} cm$

$$1m = 100cm$$

$$100cm = 1m$$

- $cm \xrightarrow{\div 100} m$

- $Km \xrightarrow{\times 1000} m$

$$1Km = 1000m$$

$$1000m = 1Km$$

- $m \xrightarrow{\div 1000} Km$

- 1) Convert 18 m into cm.
- 2) Convert 5 m 22 cm into cm.
- 3) Convert 400 cm into m.
- 4) Convert 341 cm into m and cm.
- 5) Convert 23 km into m.
- 6) Convert 9000 m into km.

Work sheet

- 1) A rope is 3 m 75 cm long and another rope is 2 m 15 cm long. Find their total length.
- 2) A road is 102 km 450 m long. A car has covered 74 km 245 m. How much distance is left to be covered?
- 3) A roll of wire is 15 m 123 cm long. If Riya has 4 such roll, what is the length of the rolls?

Word Problem

1) Ishani is decorating her class. She purchased $12\text{ m } 11\text{ cm}$ of red ribbon and $7\text{ m } 65\text{ cm}$ green ribbon. Out of this, she used $10\text{ m } 15\text{ cm}$ of ribbon. Find the total length of ribbon she bought. Find how much ribbon is left.

2) A bus travels $2\text{ km } 50\text{ m}$ on each of 3 trips. It then travels another $1\text{ km } 250\text{ m}$ to return to the garage. Find the distance travelled by the bus after 3 trips. What is the total distance travelled by the bus?