

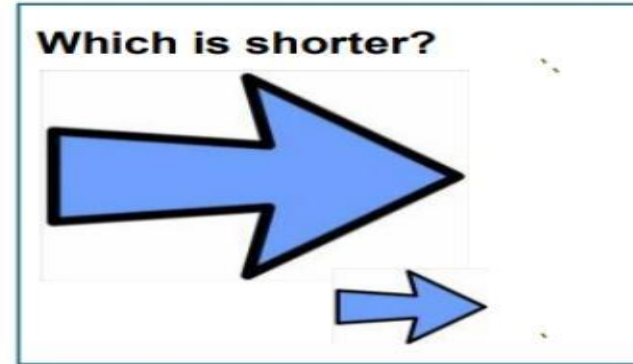
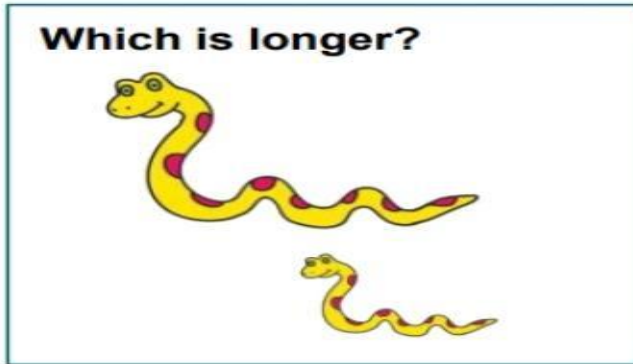
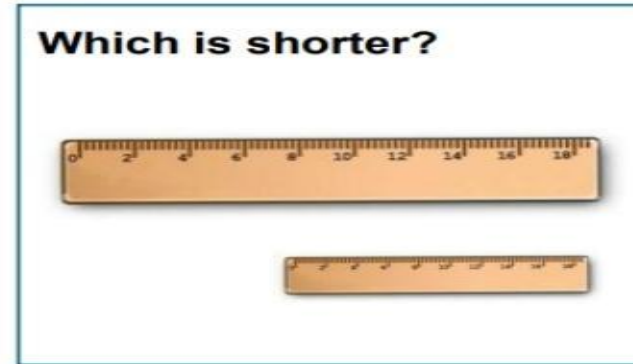
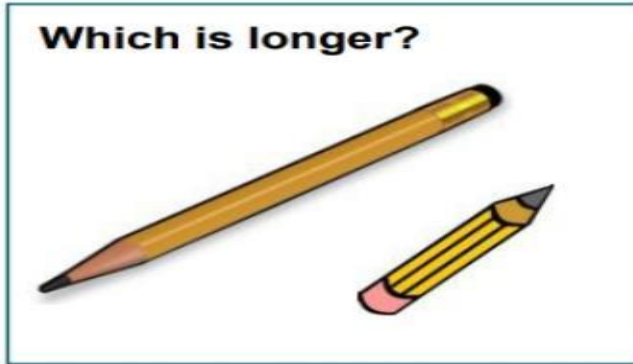


Ch : Long and short

Topic :Introduction of measurement of length and units.

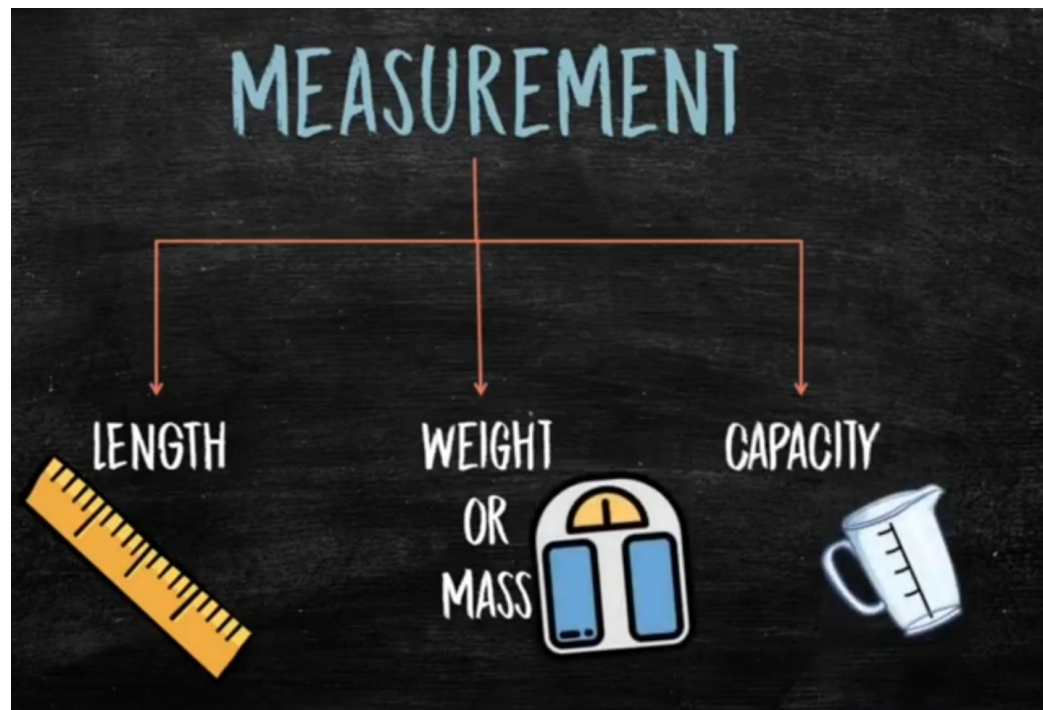
Date : 13.07.21

Look at the pictures in the boxes. Answer the questions by circling the correct picture.



What is measurement?

Measurement is the action of measuring something. We can measure time, weight, height, temperature, length, speed, and more.

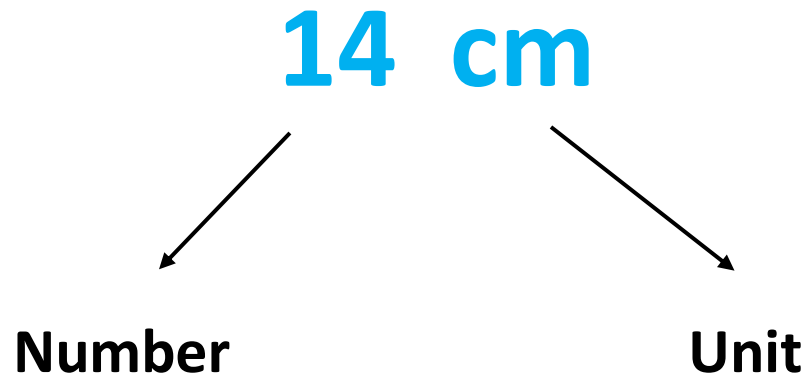


Measurement of length :

✓ Length of an object tells us how long an object is.

✓ note: Length always described using **a number** and **a unit**.

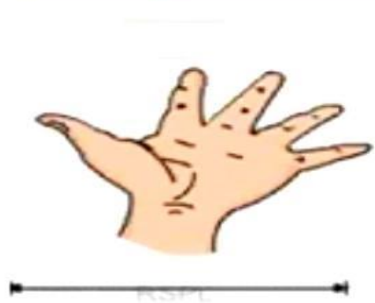
✓ Example : length of a pen is 14 cm.



Units of measurement :

Non standard unit :

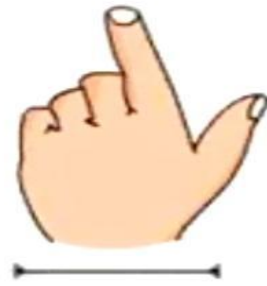
Body parts such as fingers, hand span, cubit, foot span, digit, palm, arm span, pace, etc. are the non-standard units of measuring length as they differ from person to person.



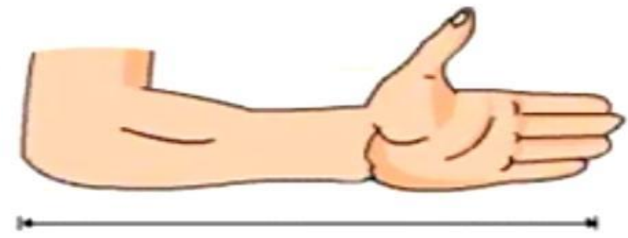
Handspan



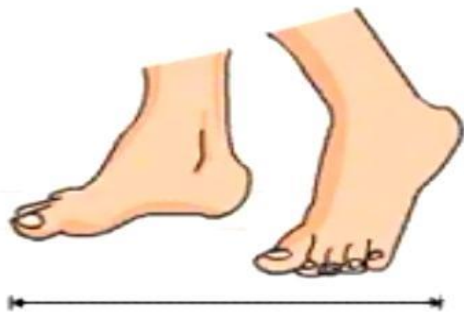
Palm



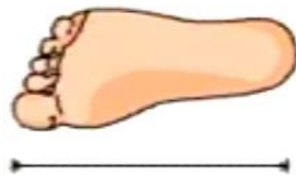
Digit



Cubit



Pace



Foot span



Arm span

Standard units :

✓ The standard unit of length is **Metre**.

✓ The short form of **Metre** is **(m)** .

• Important facts :

✓ The smaller units of length is Millimetre .

✓ The bigger units of length is kilometre.

✓ 10 Millimetre is equal to 1 centimetre.

✓ 100 centimetres is equal to 1 metre.

✓ 1000 metre is equal to 1 kilometre.

Units	Short form
Kilometre	Km
Hectometre	hm
Decametre	Dam
Metre	m
Decimetre	Dm
Centimetre	Cm
Millimetre	mm

Put the units :

- Distance between two cities measured in.....
- Length of the pencil measured in.....
- Thickness of an Atm card measured in.....
- Length of cloth measured in.....
- Length of an Ant measured in.....
- Length of the building measured in...

Measuring tools:

Ancient Instruments



Modern Instruments



RULER



MEASURING TAPE



SCREW GAUGE



VERNIER CALIPER

Hots :

Q.1 Seema is going to the tailor a new dress made for herself. What could the length of cloth needed to stitch a dress?

a) 3 mm b) 3 km c) 3 m .

Q. 2 Ishan and Iran's are measuring the length of their ropes. Ishan's rope is 1 m long.

Iran's rope is 170 cm long.

Whose rope is longer?

Q.3 Biltu measured a cloth using cubit . His mother also measured the length but they got different result.

Why? Who made mistake ? What you can suggest them?

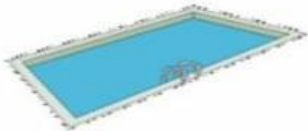
Q. 4 Match the following:



Length of a chocolate bar



Length of swimming pool



Length of a finger



1)

A) 52 metre

(2)

(B) 5 centimetres

(3)

(C) 5 kilometres

(4)

(D) 20 centimetres



Q. 5 How far the hospital from the market ?



Thank you