

# Online doubt clearing class

10.08 .2020

**Chapter : 4 ( Long and short )**

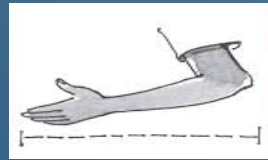
**Topic : \*Primitive & modern ways of measurement of length**

**\* Introduction of standard units .**

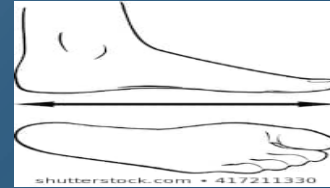
# PRIMITIVE WAYS OF MEASURING LENGTH:

People use their body parts to measure the length , like :-

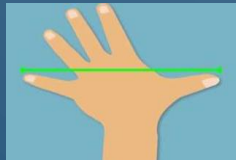
□ CUBIT



□ FOOTSPAN

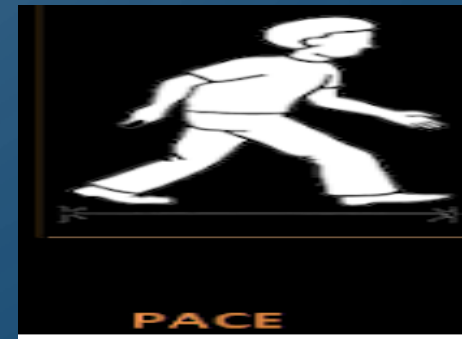


□ HANDSPAN



□ PACE

□ ARMSPAN



# Modern ways of measuring length:

## Ancient Instruments



## Modern Instruments



# STANDARD UNIT OF MEASURING LENGTH :-

**Meter ( M )**

- The smaller units of lengths are :-  
**Centimeter, Millimeter etc.**
- The bigger unit of lengths :-  
**Kilometer**

**Let's learn the different units and there symbol in metric system : -**

| <b>UNITS</b>      | <b>SYMBOL</b> |
|-------------------|---------------|
| <b>Kilometre</b>  | <b>Km</b>     |
| <b>Hectometre</b> | <b>hm</b>     |
| <b>Decametre</b>  | <b>dam</b>    |
| <b>Metre</b>      | <b>m</b>      |
| <b>Decimetre</b>  | <b>Dm</b>     |
| <b>Centimetre</b> | <b>cm</b>     |
| <b>Millimetre</b> | <b>mm</b>     |

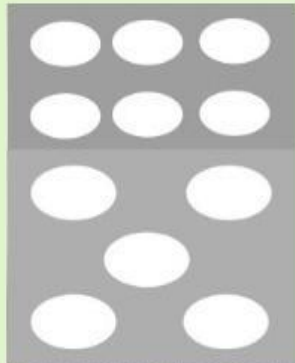
## **Relationship among the units :**

■ **1 km = 1000 m**

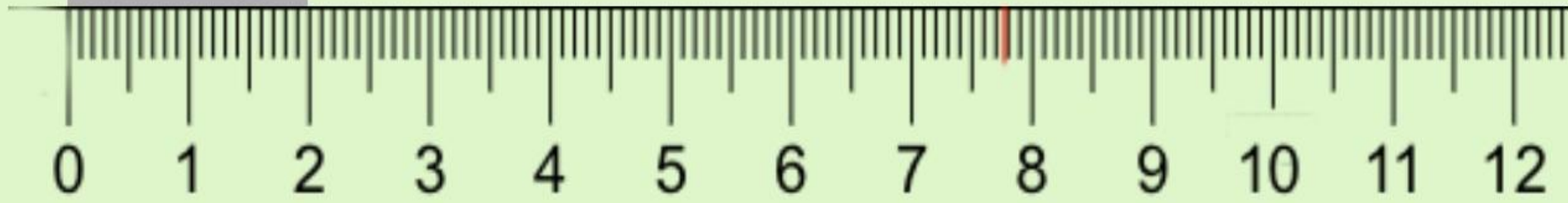
■ **1 m = 100 cm**

■ **1 cm = 10 mm**

Find the length of the object and drop your answer in the blank box.



Drop here



1 cm

2 cm

3 cm

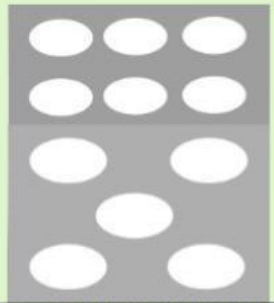
4 cm

5 cm

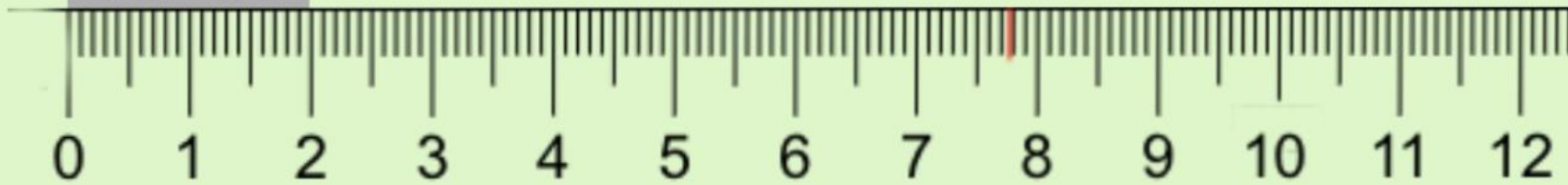
6 cm

# Solution

Find the length of the object and drop your answer in the blank box.



Drop  
here  
2 cm



1 cm

3 cm

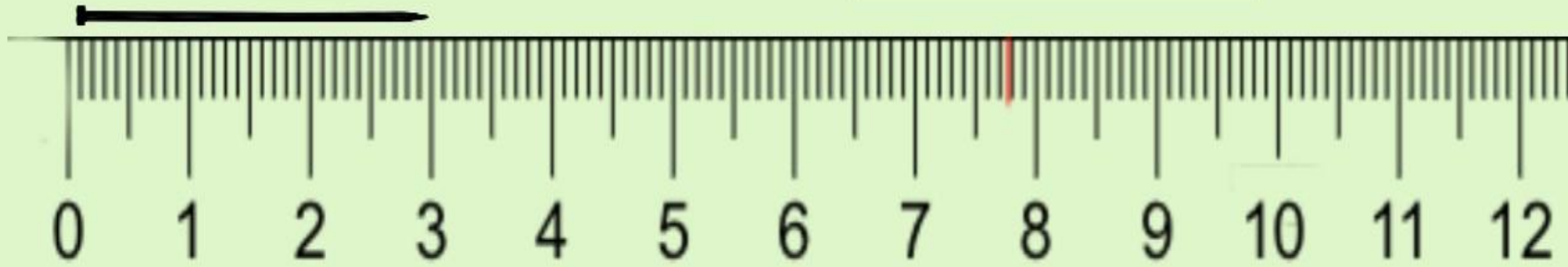
4 cm

5 cm

6 cm

Find the length of the object and drop your answer in the blank box.

Drop  
here



1 cm

2 cm

3 cm

4 cm

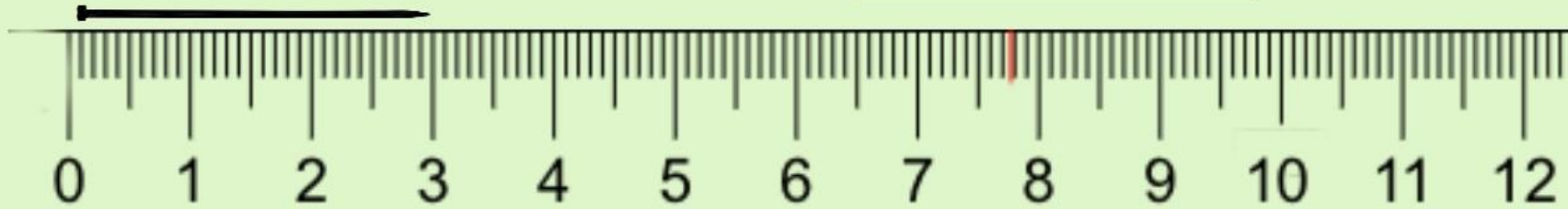
5 cm

6 cm

# Solution

Find the length of the object and drop your answer in the blank box.

Drop  
here **3** cm



**1** cm

**2** cm

**4** cm

**5** cm

**6** cm

# H.W. :

**1. Match the following:**

**2. Learn the name of the units and their relationship.**



## Match the Correct Length

Draw lines to match each picture with how long it can be.



Length of an earthworm

2 kilometres



Height of a child

5 metres



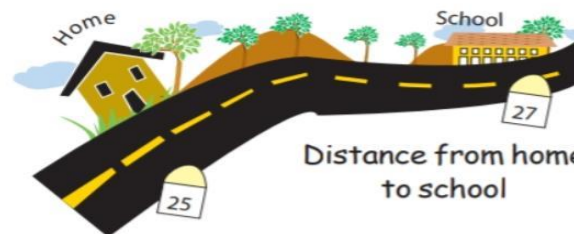
Width of a finger nail

10 centimetres



Length of a Sari

1 centimetre



Distance from home to school

1 metre