OGUN DIGICLASS

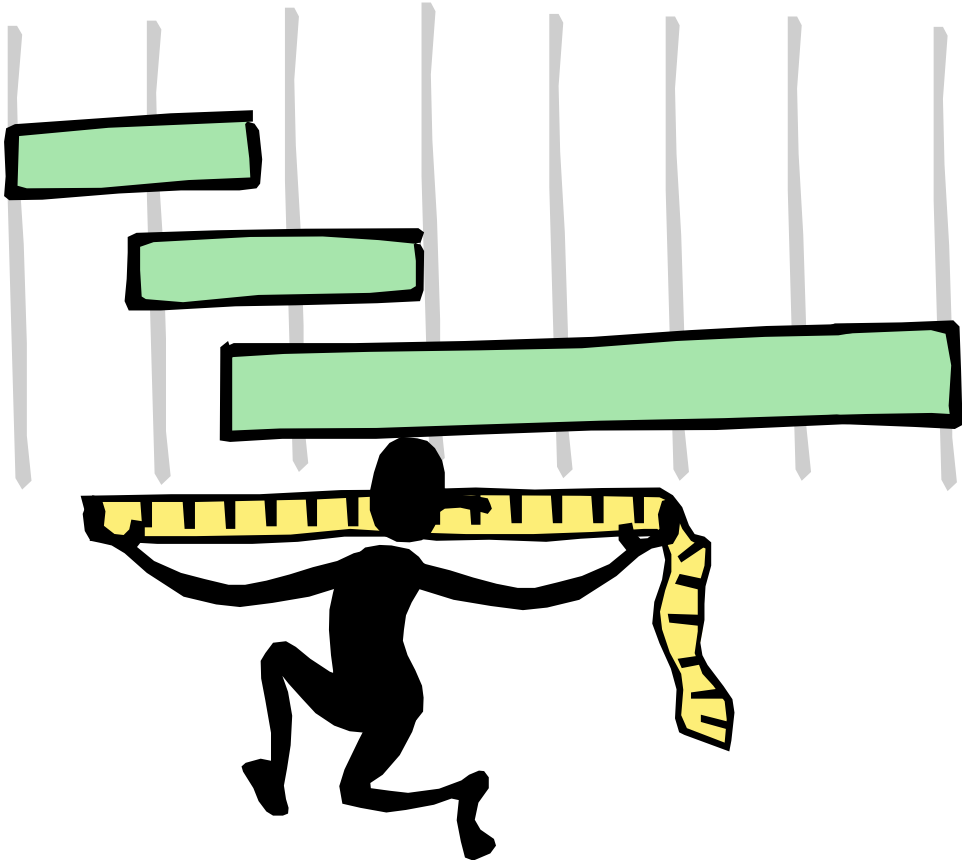
CLASS: PRIMARY SCHOOL

SUBJECT: MATHEMATICS

TOPIC: MEASUREMENT

SUB-TOPIC: Measuring Length

Measuring Length



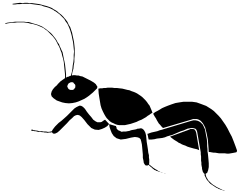
Learning Objectives

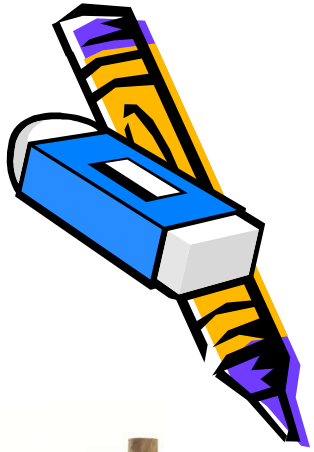
define length and measurement

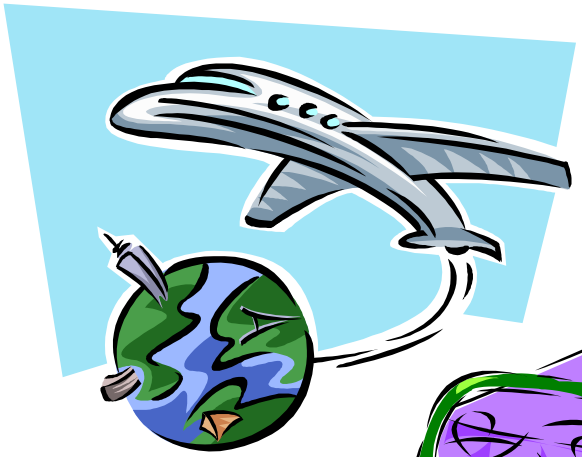
state the tools for measuring length

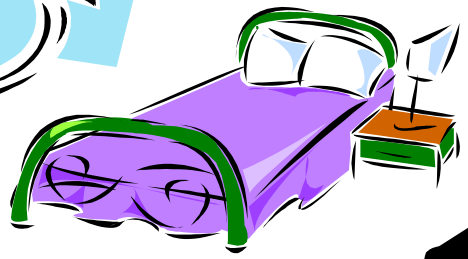
Convert one unit to another

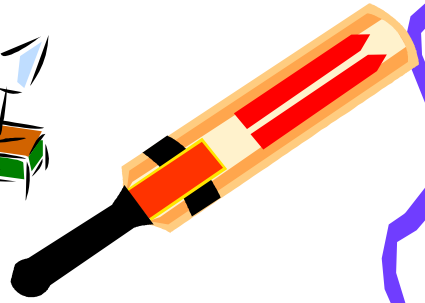
When we measure length we measure how long something is.











You can measure the length of ANYTHING!

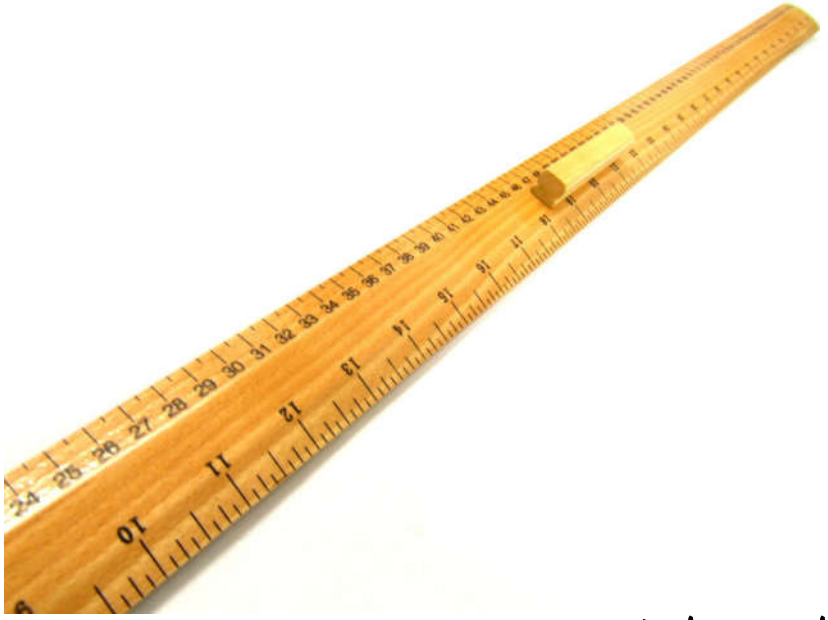
- Length determines the distance between two points, or the amount of space between two points.

- A measurement is the action of measuring something, or some amount of stuff. So it is important to measure certain things right, distance, time, and accuracy are all great things to measure.

Measuring Tools

Metal Tape

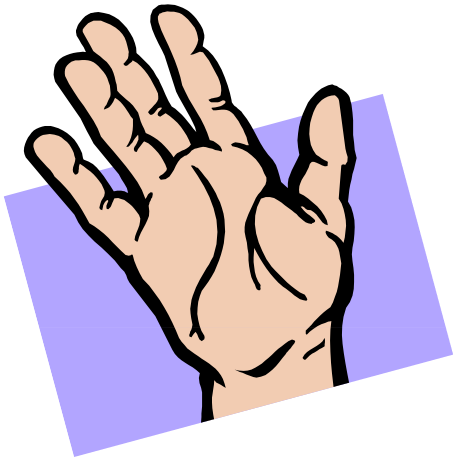
Ruler

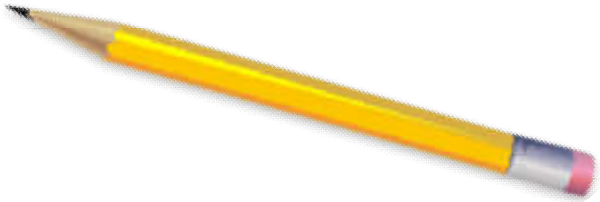


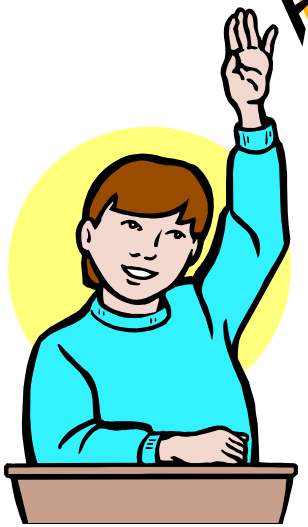
Meter stick

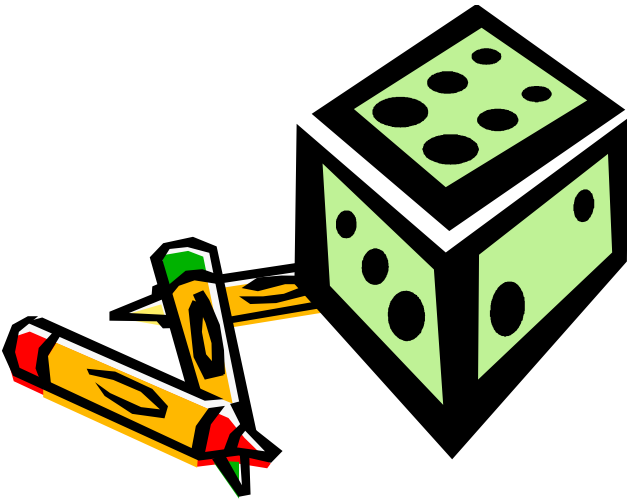
We measure using units of length.

These can be non-standard units.....



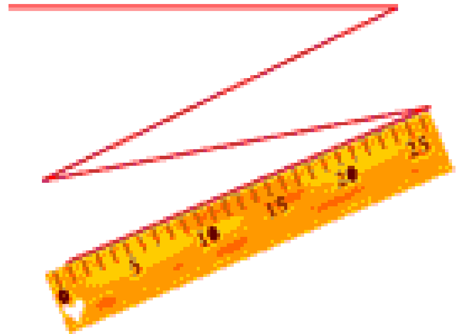






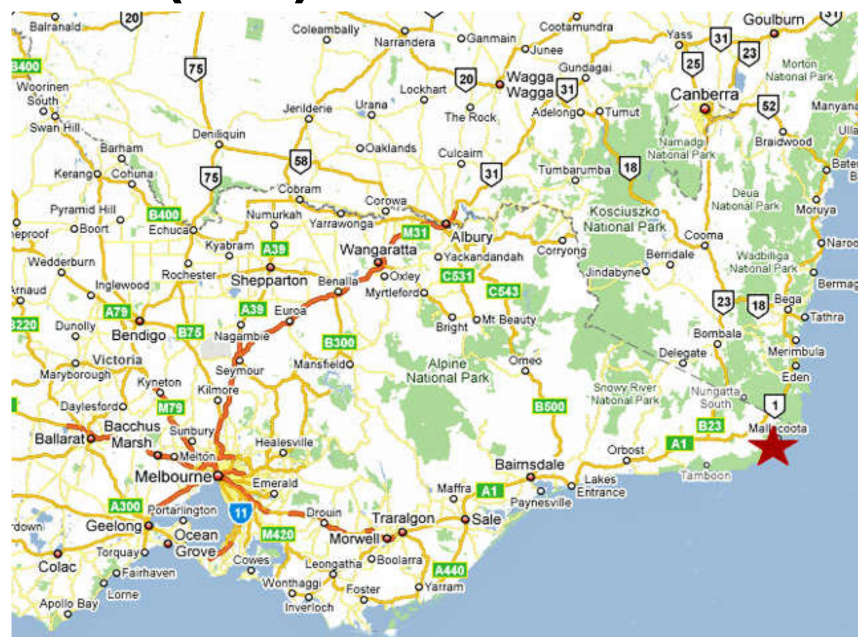
..........or standard units.

Millimetres (mm)



Centimetres (cm)

Metres (m)



Kilometres (km)

Which are bigger?

cm or m?

Remember your actions!!!!

That's right.....m are bigger than cm!

Can anyone think of an object that we might measure in cm?

What about m?

Centimeters and millimeters help measure smaller lengths and meters and kilometers help measure larger lengths like distance.

For example, the length of the pencils can be calculated in centimeters (cm), while kilometers can measure the distance between two places.

Did you think of these?

your hand

your book

your pencil case

All in cm!!!

your desk

your height

in metres

We know that there are 10 mm in 1 cm but……

- How many cm are there in 1m?
- There are 100 cm in 1 m!!!!
- Remember!!! Cent = 100

So…….

- How many cm will be in 2m?

The answer is 200cm!!!

what about 3m?

4m?

Now lets try a difficult one!

13m = ?cm

15m = ?cm

5 $\frac{1}{2}$ m = ?cm

There are…

10mm

in

1cm

There are…

100cm

in

1m

There are…

1000 mm

in

1 m

There are…

500mm

in

½m

There are…

750mm

in

¾ m

There are…

1000 m

in

1 km

There are…

500 m

in

½ km

There are…

250m

in

¼ km

There are…

750 m

in

¾ km

Comparing units of length

10mm = 1cm

100cm = 1m

1000m = 1km