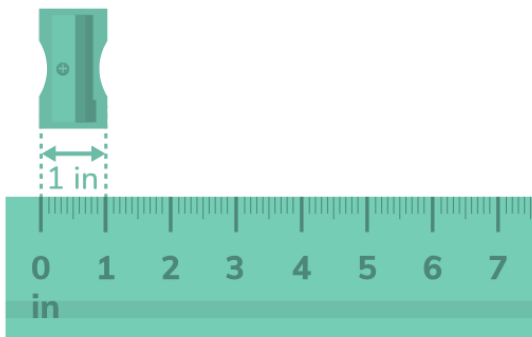


# Customary units of measuring length



## Measurement



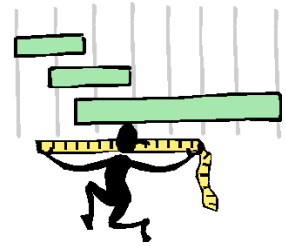
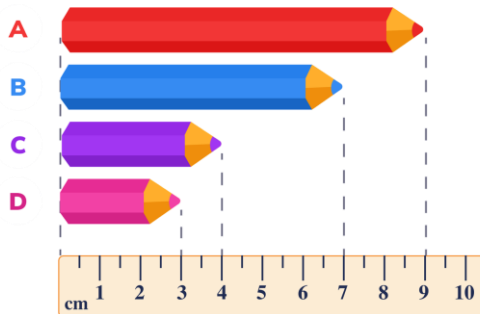
Inches

Yards



# Measurements

Measurement is defined as the system or act of measuring.



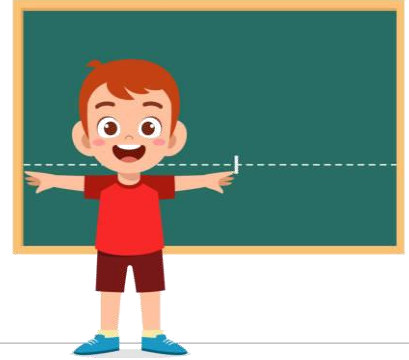
Measurement refers to the comparison of an unknown quantity with a known quantity.

Measurements are the process of quantifying the attributes of an object or an event, such as length, mass, time, temperature, etc.

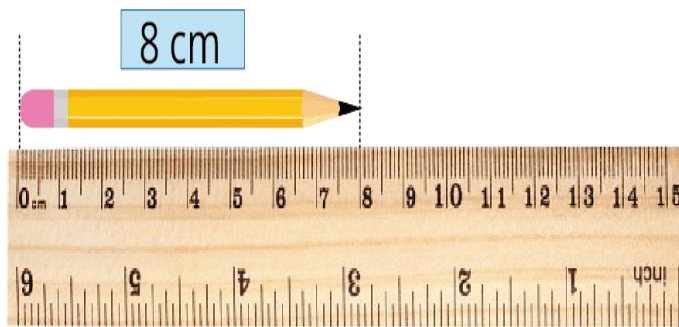
Measurements allow us to compare different objects or events using a common standard or unit.

# What is length?

- Length is the term used for identifying the size of an object or distance between two points.



- The skill to measure the length is very important in our everyday life.



- Measurement of length can be defined as an act of identifying the length of objects in some standard or non- standard units.

## Customary unit of measuring length

A customary unit of measuring length is a unit that is used in the United States and a few other countries for measuring the distance or size of an object or a space.

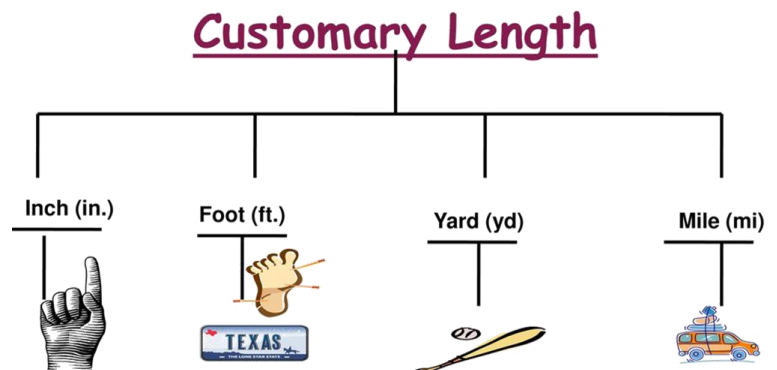
Customary units (US Customary Units) are the units that are used to measure length, weight, and volume in the Customary system of measurement which is most commonly in the USA.



## US standard system (Customary units) :

- The customary system of measurement is a set of units used for measuring length and other.
- It is based on the English system of measurement and is known as the U.S. Customary System.
- Common customary units for length include inches, feet, and miles.

- Customary units are not as widely used internationally as the metric system.



Length	
US standard system	<input type="checkbox"/> Inches <input type="checkbox"/> Foot <input type="checkbox"/> Yards <input type="checkbox"/> Miles

## Definition :

- A customary unit is a unit of measurement used in a particular region or country.
- Unlike the globally recognized and standardized metric system, customary units vary from place to place.
- They are commonly used in united states for everyday purpose.

### Examples :

Inch, Foot, Yard, Mile

**Inch**



**Foot**



**Yard**



**Mile**

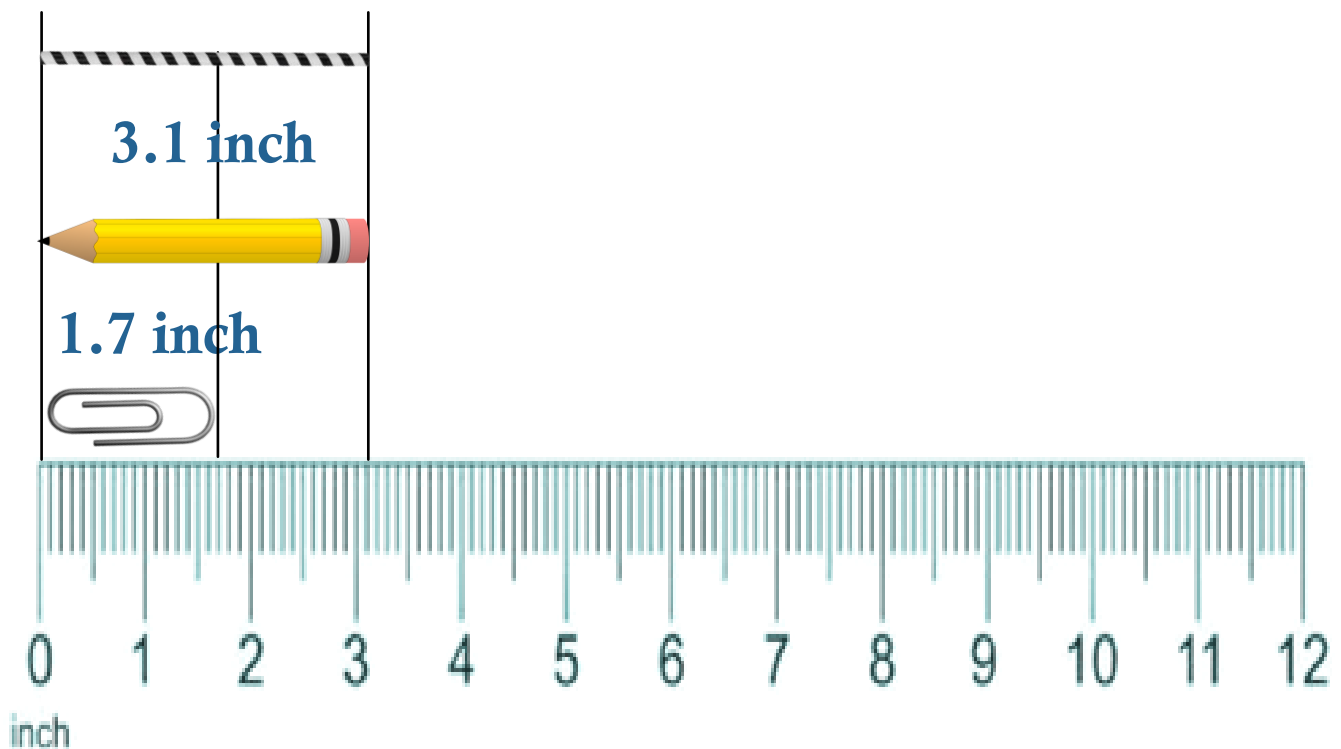


# Inch

- ❑ Inch is used to measure the length of small objects.
- ❑ It's symbol is 'in'
- ❑ Inch is a customary unit of length equal to  $\frac{1}{12}$  of a foot.

## Example :

Length of the Paperclips, Pencil , Straw.

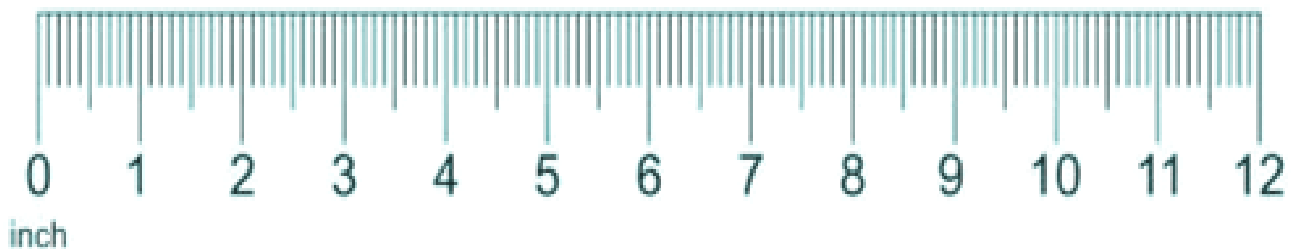


# Foot

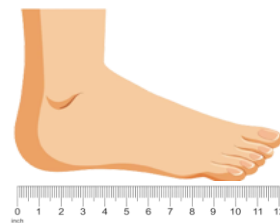
- ❑ Foot is used to measure short height and distances.
- ❑ It's symbol is 'ft'
- ❑ A foot is a unit to measure the length or distance in the US.
- ❑ "Foot" refers to a single unit of measurement whereas "feet" is its plural alternative.

## Example :

Height of a chair, Length of the ruler.



12 inches = 1 foot





# Yard

- ❑ Yard is used to measure length of longer distance or medium-sized objects.
- ❑ It's symbol is 'yd'
- ❑ Yard is a customary unit of length is equivalent to 3 feet or 36 inches.

## Example :

Length of a basketball & Football field, Furniture.



3 feet = 1 yard



36 inches = 1 yard

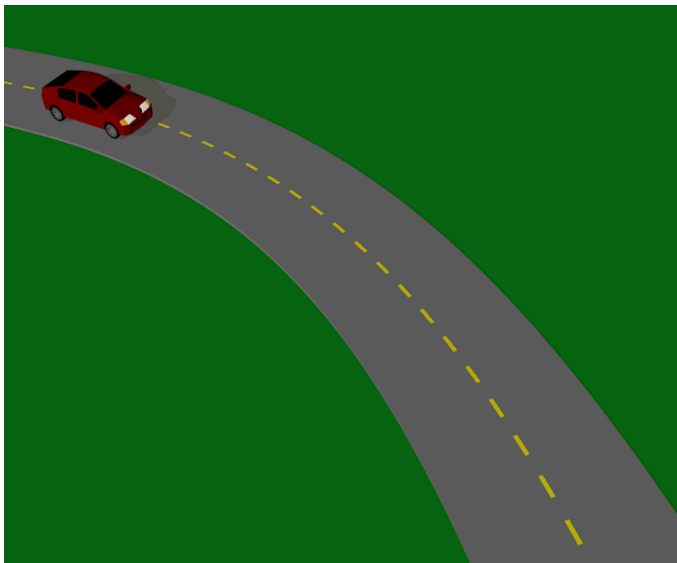


# Mile

- ❑ Mile is the largest customary unit of length, used to measure long distances.
- ❑ It's symbol is 'in'

## Example :

The distance between cities, the length of a marathon race

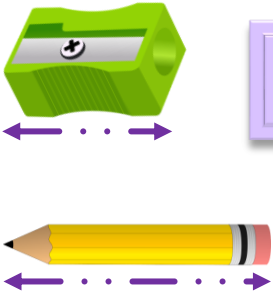
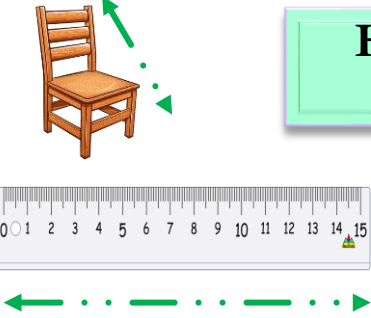
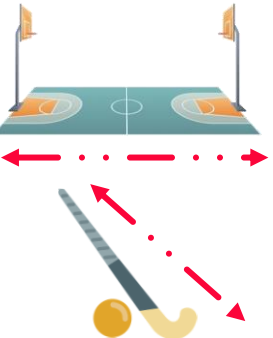



1 mile = 5280 feet

1 mile = 1760 yards

- ❑ A mile is about how far you can walk in 25 minutes.



Customary units	Symbol	Examples
Inch	in	 <p>Length of the sharpener</p> <p>Length of the pencil</p>
Foot	ft	 <p>Height of a chair</p> <p>Length of the ruler</p>
Yard	yd	 <p>Length of a basketball field</p> <p>Length of a hockey stick</p>
Mile	mi	 <p>Distance between two places</p> <p>Length of marathon race</p>