

B. Short and long answer questions.

1. What is measurement? How is a measurement expressed?

Ans- Measurement is a comparison of an unknown quantity with a known fixed quantity of the same kind. The magnitude of a quantity is expressed as numbers in its unit.

3. Name the basic measurements in our daily life.

Ans- The basic measurement in our daily life is →

→ The doctor measures our body temperature with a thermometer.

→ When we buy fruits and vegetables, the seller measures the mass by his balance.

→ Chefs make food by measurement ~~and~~ by teaspoon, cup, bowl, etc.

→ The peon in the school has to ring the bell after each period. For this he measures time interval with a clock.

Date \_\_\_/\_\_\_/\_\_\_

## Extra questions

Saathi

Q. What is the need and importance of measurement?

Ans- Need:

The purposes of measurement can be categorised as measurement being in the service of quality, monitoring, safety, making something fit [design, assembly], and problem solving. Measurement of weight, volume, length, and time has now become a part of our daily life.

Importance:

Time, size, direction, speed, distance, weight, volume, temperature, pressure, ~~force~~ force, sound, light, energy - these are among the physical properties for which human have developed accurate measures, without which we could not live our normal daily lives.

Q. How a measurement is expressed?

Ans- The value obtained on measuring a quantity is called its magnitude. The magnitude of a quantity is expressed as numbers in its unit.