

Subject- Physics

Std-VII

Lesson -1

Physical quantity and measurement

Study the topics which I am discussing below and follow your textbook page 1,2,3.

Definition:

1. Physical quantity- A quantity that can be measured is called a physical quantity. e.g - length, mass, time, temperature, area.
2. Measurement - It is a process of comparing an unknown quantity with a known physical quantity of the same kind.
3. Unit- A unit is a known fixed quantity that is used to measure the physical quantity of the same kind.
4. Fundamental quantities- Physical quantities which do not depend upon other quantities are called fundamental quantities. e.g - length, mass, time, temperature.
5. Area- The space occupied by a two-dimensional figure on a plane is called the area of that object or area is the surface enclosed within the boundary of a two-dimensional figure. The SI unit of area is square meter.

Exercise:

Do the warm-up activity on page 1 and stop and reflect on page 2.