

Physics

1) The space occupied by an object is called its volume.

Its SI unit is cubic metre, (m^3)

One cubic metre is the volume of a cube with each side 1 metre long = $1m \times 1m \times 1m$ ($1m^3$)

2) Measurement is a process of comparison of the given unknown quantity with a fixed quantity of the same kind.

3) The surface occupied by an object is called its area.

The SI unit of area is square metre.

One square metre is equal to the area of a square of side 1m = $1m^2 = 1m \times 1m$