

Hw  
3/8

# Physics

Q. Define volume.

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

Q. State and define the S.I unit of volume.

Ans) The S.I unit of volume is cubic metre or in short form written as  $m^3$ .

$$1m^3 = 1m \times 1m \times 1m$$

Q. Define measurement.

Ans) Measurement is a process of comparing a unknown quantity with a fixed known quantity.

Q. Define area?

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

Q. State and define the S.I unit of area

Ans) The S.I unit of area is square metre ( $m^2$ )

$$1m^2 = 1m \times 1m$$