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Physical Quantities & Measurement

Revision Homework - 1

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- 1) Define volume.
→ volume is the space occupied by the matter & known as volume.
- 2) State and Define the SI unit of volume:-
The SI unit of volume is m^3 or cubic metre or ~~m³~~ ~~metre~~ cube.
 $1m^3 = 1m \times 1m \times 1m$
 $= 100cm \times 100cm \times 100cm$
 $= 10^6 cm^3$
- 3) Measurement is the act of measuring anything.
- 4) The measurement of the area covered by an object is called as area.
- 5) The SI unit of Area is cm^2 .