

$$1 \text{ m}^3 = 1000 \text{ L}$$

- 1) Find volume, TSA, LSA of a cuboid which is 8m long, 6m broad and 3.5m high.
- 2) How many bricks will be required for a wall which is 8m long & 6m high and 22.5 cm thick if each brick measures 25 cm $\times$ 11.25 cm $\times$ 6 cm?
- 3) Find the longest pole that can be put in a room of dimensions 10m by 10m by 5m.
- 4) The volume of rectangular tank is 182 m^3 . If length and breadth be 8m and 6.5 m respectively. Find depth.

5. The volume of a reservoir is 108 m^3 . Water is poured into it at the rate of 60 lt per minute. How many time required to fill it?

6. Find the volume of a cube whose TSA is 486 cm^2 .