

## VOLUME CHAPTER TEST

1. Find the volume of a cube whose edge is  $\frac{2}{5}$  cm.
2. Find the volume of a cuboid whose  $L = \frac{2}{3}$ cm,  $B = \frac{3}{4}$ cm &  $H = \frac{4}{5}$ cm.
3. Find the length of a cuboid whose  $V = 2184 \text{ m}^3$ ,  $B = 12 \text{ m}$  &  $H = 13 \text{ m}$ .
4. Find the breadth of a cuboid whose  $V = 10626 \text{ cm}^3$ ,  $L = 23 \text{ cm}$  &  $H = 22 \text{ cm}$ .
5. Find the height of a cuboid whose  $V = 24000 \text{ m}^3$ ,  $L = 40 \text{ m}$  &  $B = 30 \text{ m}$ .
6. Convert  $\frac{8}{5} \text{ m}^3$  to  $\text{cm}^3$ .
7. Convert  $90000000 \text{ cm}^3$  to  $\text{m}^3$ .
8. The length, breadth and height of a cuboid are 4m, 3m & 2.5m respectively. Find the volume of a cube whose volume is 2 times the volume of cuboid.
9. How many bricks each of dimension 20cm, 15cm & 10cm, will be required to build a wall 10m long, 15m high and 5.5m thick?
10. A 10 rupee coin weigh 9 gram. How many coins are there in a sack whose weight is a) 9000 gram b) 4 kg 500 g.