

Volume of Solid Figures

1. Find the volume of cube whose side is given below:

a. 6 cm = _____

b. 12 cm = _____

c. 10 cm = _____

d. 20 cm = _____

e. 15 cm = _____

2. Find the volume of cuboid whose dimensions are given below:

a. length = 20 cm

Breadth = 10 cm

Height = 6 cm

Volume = _____

b. Length = 8 cm

Breadth = 5 cm

Height = 7 cm

Volume = _____

3. Calculate the amount of air that can be accumulated in a room that has a length of 5m, breadth of 6 m and a height of 10 m.

4. A box measures $11\text{cm} \times 10\text{cm} \times 8\text{cm}$. How many dice can fit in this box if the dice are cubes with sides of length 2cm?