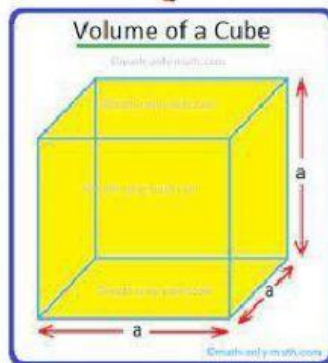
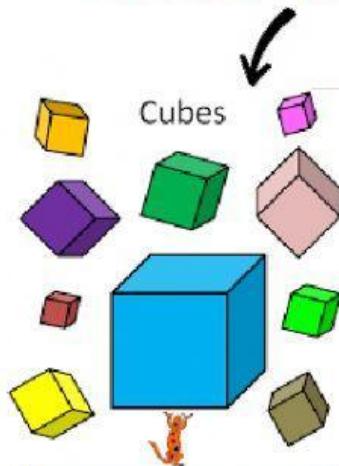
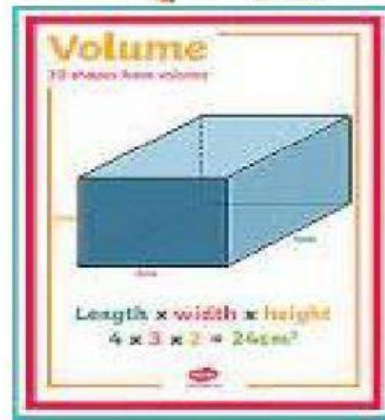
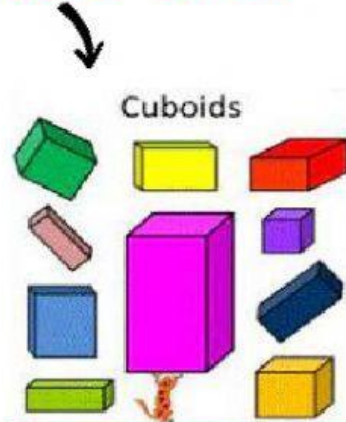


VOLUME

The amount of space a 3D takes



FORMULA :
Volume of Cube = $\text{Length} \times \text{Length} \times \text{Length}$

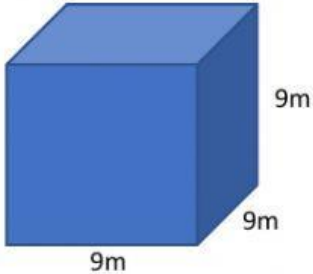
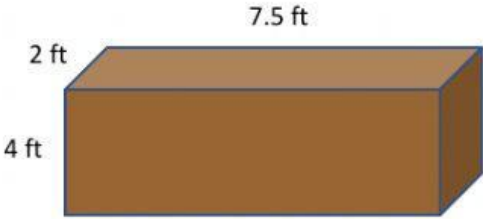
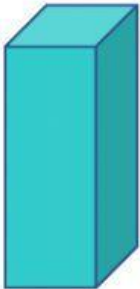


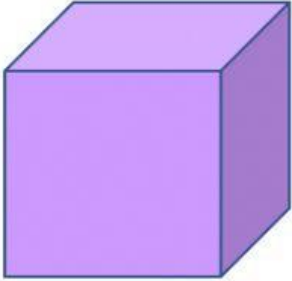
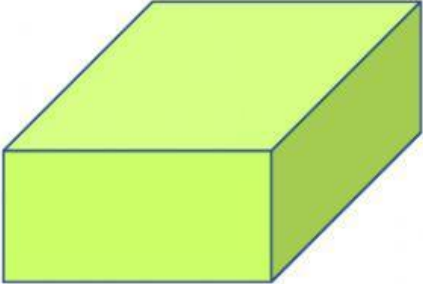
FORMULA :
Volume of Cuboid = $\text{Length} \times \text{Breadth} \times \text{Height}$

Steps to Success :

1. **Read and highlight** the key words.
2. **Observe** the solid:
 - ♥ Identify the *Length, Breadth & Height*.
3. Write the **Formula**:
 - ♥ $\text{Volume} = \text{Length} \times \text{Length} \times \text{Length}$
 - ♥ $\text{Volume} = \text{Length} \times \text{Breadth} \times \text{Height}$
4. **Fill in** the information & **Solve**.
5. **Check and write the unit** unit^3

Answer all questions. Each question carries 2 marks.

Bil	Question	Answer and Working Space
1.	Find the volume of the cube below.  A blue cube is shown. The front bottom edge is labeled 9m, the right bottom edge is labeled 9m, and the right vertical edge is labeled 9m.	Answer : _____ m³
2.	Find the volume of the cuboid below.  A brown cuboid is shown. The top front edge is labeled 7.5 ft, the front left vertical edge is labeled 4 ft, and the top left vertical edge is labeled 2 ft.	Answer : _____ ft³
3.	Given that the length, breadth and height of a cuboid are 4cm, 4cm and 6cm. Find the volume of the cuboid.  A cyan cuboid is shown, oriented vertically.	Answer : _____ cm³

Bil	Question	Answer and Working Space
4.	Find the volume of the cube with a side of 10cm. 	Answer : _____ cm^3
5.	Find the volume of the cuboid that consists of 8cm length, 3cm height and the breadth is twice of the height. 	Answer : _____ cm^3
6.	Given that the length, breadth and height of a cuboid are 5.5mm, 2.2mm and 10mm. Find the volume of the cuboid.	Answer : _____ mm^3