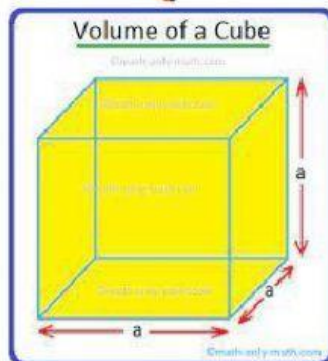
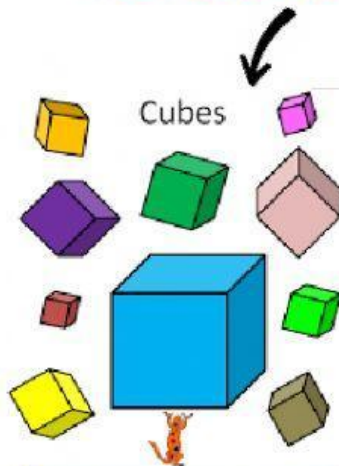
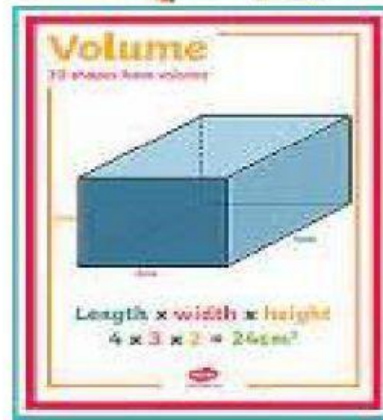
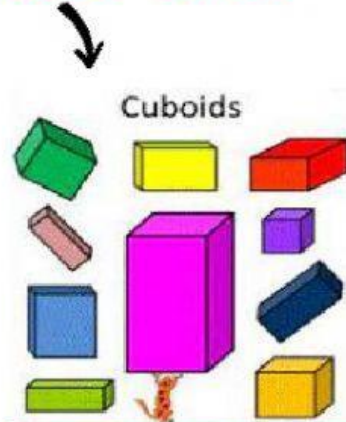


VOLUME

The amount of space a 3D takes



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

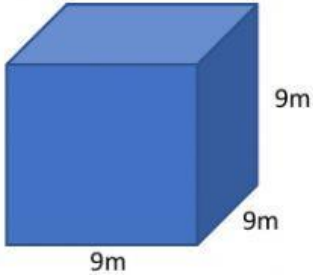
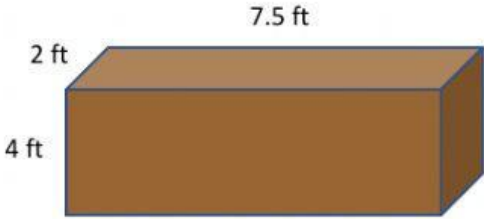
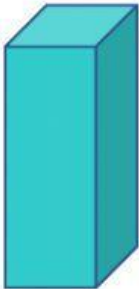


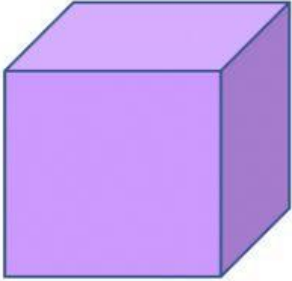
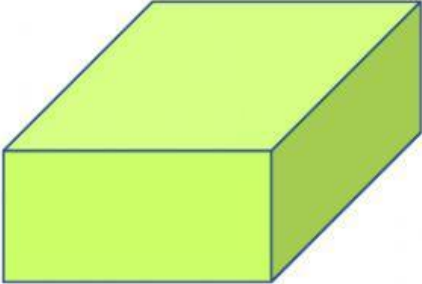
FORMULA :
Volume of Cuboid = $\text{Length} \times \text{Breadth} \times \text{Height}$

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.	<p>Find the volume of the cube below.</p>  <p>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.</p>	<p>Answer : _____ m³</p>
2.	<p>Find the volume of the cuboid below.</p>  <p>A brown cuboid is shown. The top front edge is labeled 7.5 ft, the front bottom edge is labeled 4 ft, and the left vertical edge is labeled 2 ft.</p>	<p>Answer : _____ ft³</p>
3.	<p>Given that the length, breadth and height of a cuboid are 4cm, 4cm and 6cm. Find the volume of the cuboid.</p>  <p>A cyan cuboid is shown. No dimensions are labeled on the image.</p>	<p>Answer : _____ cm³</p>

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