Cubaid and Cub

A. Choose the correct answer:	
1. The volume of a cuboid is given	by:
a) length + breadth + height	b) length × breadth × height
c) 2(length + breadth + height)	d) 2(length × breadth × heigh
2. The volume of a cube whose sid	e is 5 cm is:
a) 25 cm³	b) 100 cm³
c) 125 cm³	d) 150 cm³
3. A cuboid has dimensions 8 cm, 3	cm, and 2 cm. Its volume is:
a) 13 cm³	b) 48 cm³
c) 24 cm³	d) 38 cm³
4. If the volume of a cube is 216 cn	n ³ , the length of each side is:
a) 5 cm	b) 6 cm
c) 7 cm	d) 8 cm
5. Volume of a cuboid having all sig	des equal is called:
a) Sphere	b) Cube
c) Cylinder	d) Cone
B. Write the Missing Terms to Com	plete the Sentences:
1. Volume of a cube = ³	
2. Volume of a cuboid =	_ × breadth × height
3. If all sides of a cuboid are equal,	it becomes a
4. The unit of volume is expressed i	n units
5. Volume of a cube with side 9 cm	is cm ³
C. Figure out the answers to these	questions:

- 1. Find the volume of a cuboid with length 7 cm, breadth 4 cm, and height 5 cm.
- 2. Calculate the side of a cube whose volume is 512 cm³.
- 3. Find the volume of a cube whose side is 11 cm.
- 4. A cuboid has dimensions 9 m, 5 m, and 2 m Find its volume.
- 5. Find the volume of a cuboid with dimensions 6 cm, 7 cm, and 8 cm.

D. Mark each sentence with a True (\checkmark) or False (X):

- 1. The volume of a cube is calculated by side². _____
- 2. The volume of a cuboid depends on length, breadth, and height. _____
- 3. The volume of a cube with side 4 cm is 64 cm³.
- 4. A cuboid with all sides equal is a cube.
- 5. Volume is measured in square units. _____

E. Challenge yourself with these questions:

- 1. Find the volume of a cuboid whose length is 15 cm, breadth is 10 cm, and height is 8 cm.
- 2. A cube has volume 1000 cm³ Find its side length.
- 3. Calculate the volume of a cube whose side is 12 cm.
- 4. Find the volume of a cuboid with dimensions 14 cm, 5 cm, and 3 cm.
- 4. Find the volume of a cube whose side measures 6.5 cm.