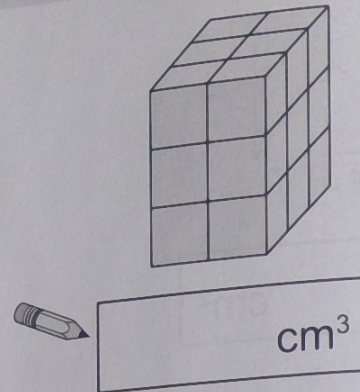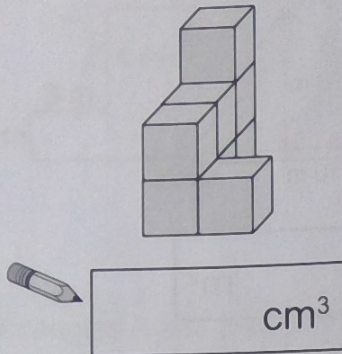# Volume

1 Each cube has sides of 1 cm. Find the volume of each shape.
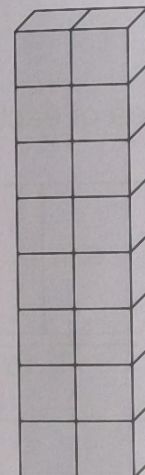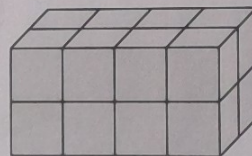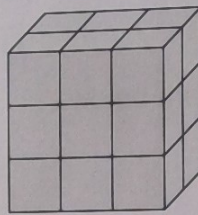
cm³

cm³
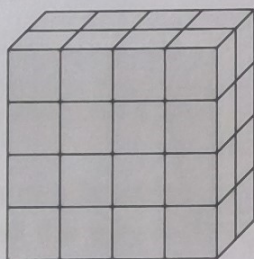
2 marks

2 Ashna has made a shape using 1 cm³ blocks.
Her shape has a volume of 16 cm³.

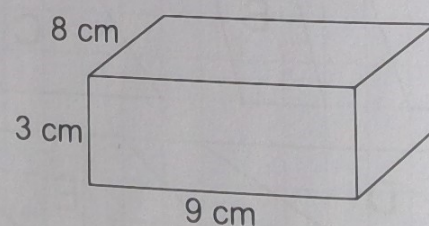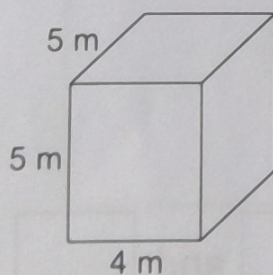Circle the shapes that Ashna could have made.

1 mar

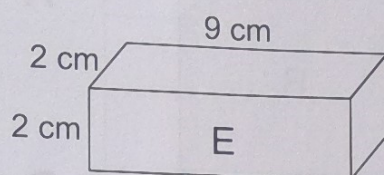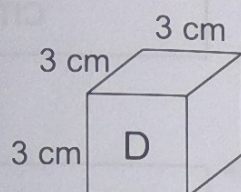**3** Find the volumes of these cuboids.
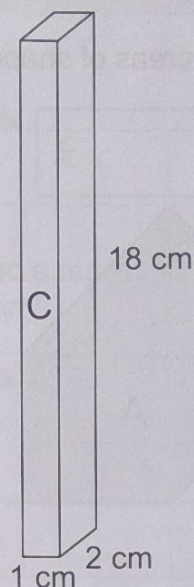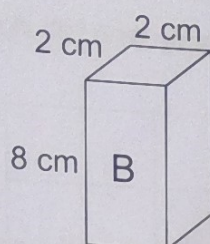
5 m

5 m

4 m

m³

8 cm

3 cm

9 cm

cm³

2 m

Section Five — Measure

Volume

4 Circle the three cuboids which have the same volume.

3 cm
2 cm
6 cm **A**

2 cm
2 cm
8 cm **B**

18 cm
C
1 cm
2 cm

3 cm
3 cm
3 cm **D**

9 cm
2 cm
2 cm **E**
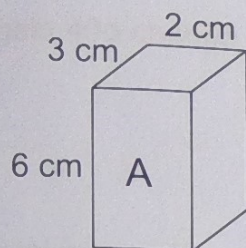
2 marks

5 The dimensions of two cuboids are given in the table below.
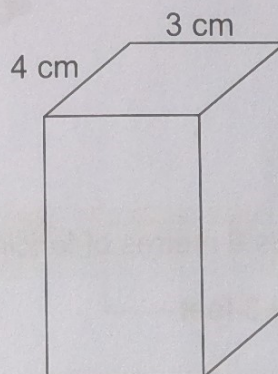What is the difference in the volume of the two cuboids?

	Length (cm)	Width (cm)	Height (cm)
Cuboid A	7	4	2
Cuboid B	6	2	9

cm^3

2 marks

6 The volume of this cuboid is 120 cm³.
Find its height.

3 cm
4 cm

cm

1 mark

"I can calculate the volumes of cubes and cuboids."