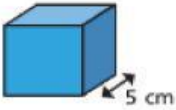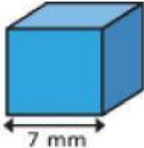# Volume of cuboids

Calculate the volumes of the cubes.

a)

5 cm

volume = [ ] cm³

b)

7 mm

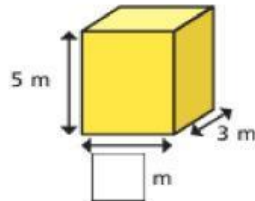volume = [ ] mm³

How many different ways can you make a cuboid with a volume of 48 cm³?

L =   H =   W =

L =   H =   W =

L =   H =   W =

The volume of the cuboid is 60 m³
Find the missing length.

5 m

3 m

[ ] m

Calculate the volume of the cuboid.

$\frac{1}{2}$ m

30 cm

1 m
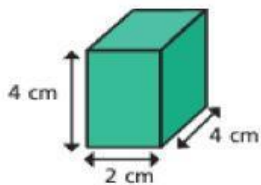
volume = [ ] cm³

Calculate the volume of a cube with side length:

4 cm   2 m   160 mm

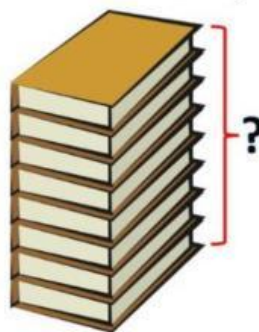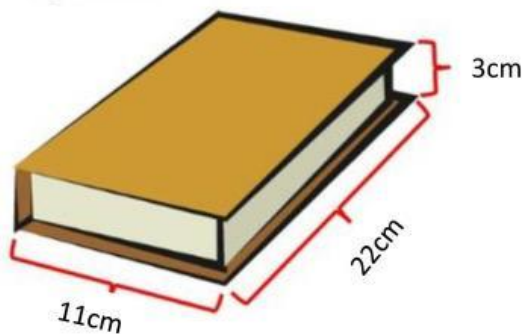Volume =   cm³

a) Calculate the volumes of the two cuboids.

4 cm

4 cm

2 cm

[ ] cm³

2 cm

8 cm

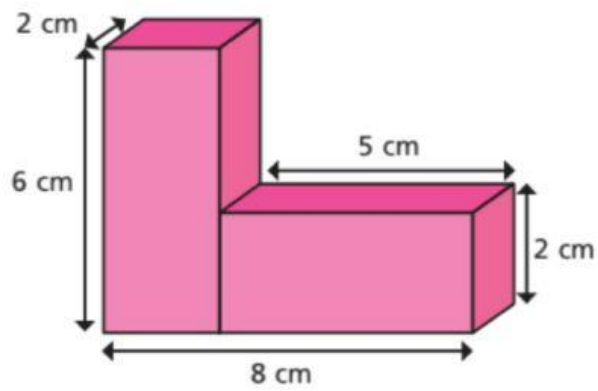2 cm

[ ] cm³

What do you notice?

A book is 11cm wide, 22cm long, and 3cm high. What would be the volume of 8 books stacked together?

3cm

22cm

11cm

?

1 book =   cm³

8 books =   cm³

Extra 4 Experts

2 cm

6 cm

5 cm

2 cm

8 cm

Volume =   cm³