

FIND THE VOLUME 1



Find the length, width and height of each of the rectangular prisms. Use the information to work out the volume. In all the examples, a cube represents a cubic cm.

Volume of a rectangular prism

To find the volume of a rectangular prism, we need to multiply the length by the width by the height.

$$\text{Volume} = \text{length} \times \text{width} \times \text{height or } l \times w \times h$$

The volume of a rectangular prism is the same as the number of cubes that fit inside it.

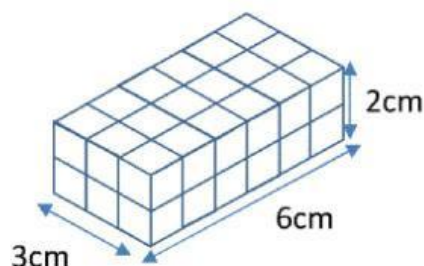
Example

Length is 3cm.

Width is 6cm.

Height is 2cm.

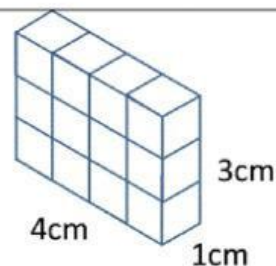
Volume is $6 \times 3 \times 2 = 36\text{cm}^3$



1)

Length: ___ cm Width: ___ cm Height: ___ cm

Volume: ___ x ___ x ___ = ___ cm^3



2)

Length: ___ cm Width: ___ cm Height: ___ cm

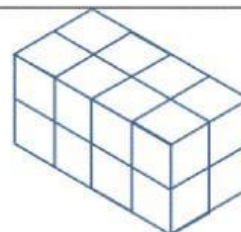
Volume: ___ x ___ x ___ = ___ cm^3



3)

Length: ___ cm Width: ___ cm Height: ___ cm

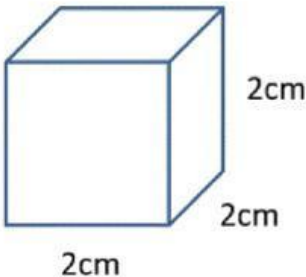
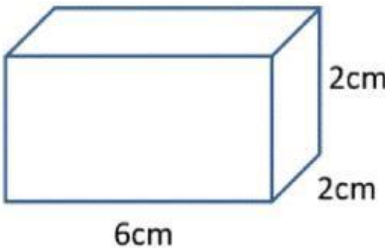
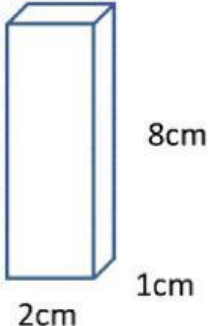
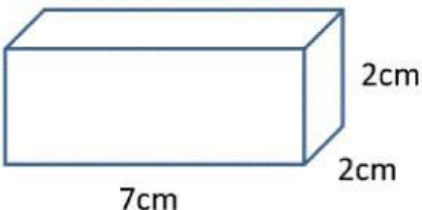
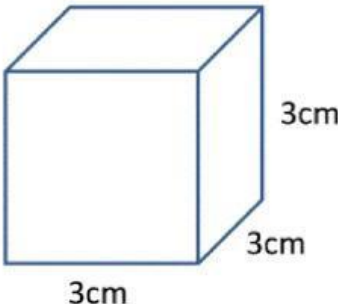
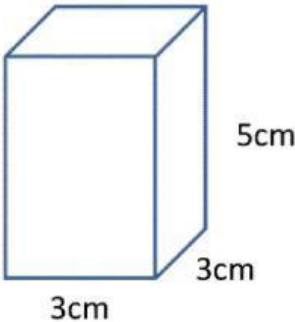
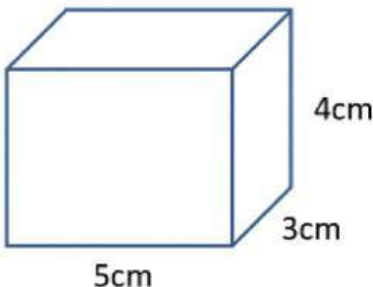
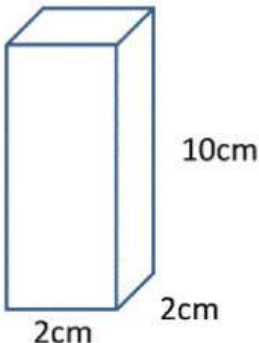
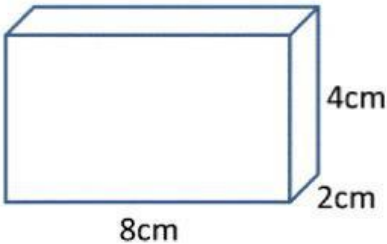
Volume: ___ x ___ x ___ = ___ cm^3



FIND THE VOLUME 2 (METRIC)

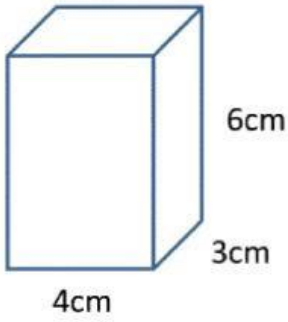
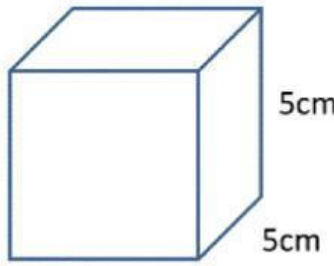
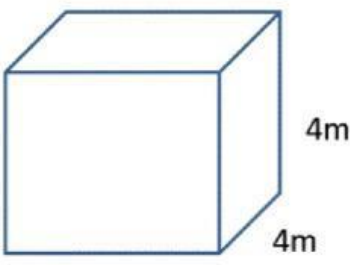
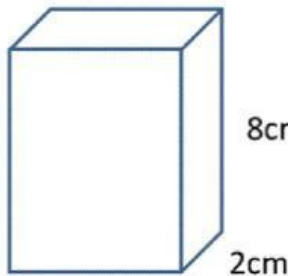
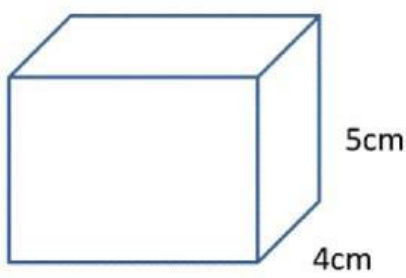
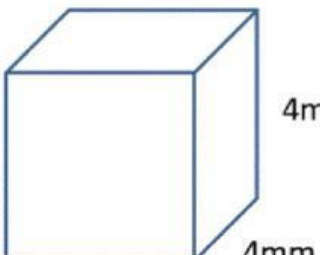
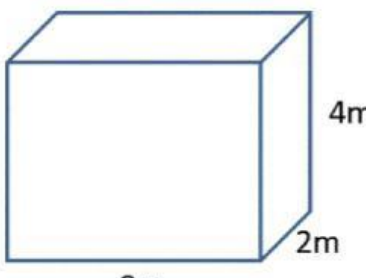


Find the volume of these rectangular prisms. They are not to scale!

		
Volume = _____	Volume = _____	Volume = _____
		
Volume = _____	Volume = _____	Volume = _____
		
Volume = _____	Volume = _____	Volume = _____

FIND THE VOLUME 3 (METRIC)

Find the volume of these rectangular prisms. They are not to scale!

		
Volume = _____	Volume = _____	Volume = _____
		
Volume = _____	Volume = _____	Volume = _____
		
Volume = _____	Volume = _____	Volume = _____