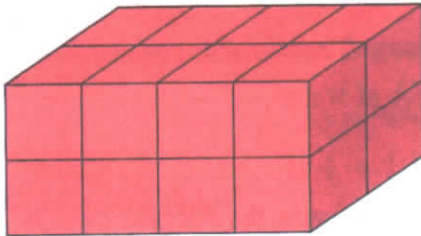


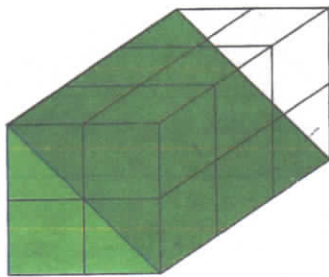
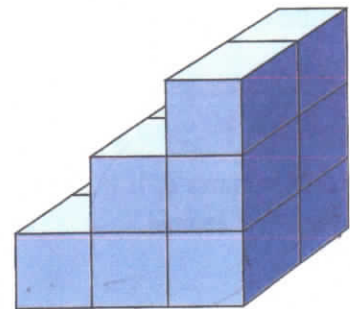
**VOLUME** is a measure of how much **SPACE** an object takes up.

It is usually measured in centimetres cubed ( $\text{cm}^3$ ) or metres cubed ( $\text{m}^3$ ).



This **CUBOID** is made from 16 centimetre cubes.  
It has a **VOLUME** of  $16 \text{ cm}^3$ .

This shape is made up of 6 cubes on the bottom layer.  
It has 4 cubes in the middle layer, and 2 cubes on the  
top layer. It has a **VOLUME** of  $6 + 4 + 2 = 12 \text{ cm}^3$ .

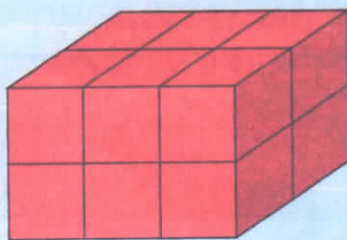


This triangular wedge is half of a cuboid that has a volume of  $12 \text{ cm}^3$ .  
So the volume of the wedge is  $6 \text{ cm}^3$ .

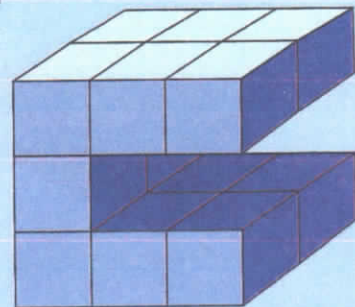
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Find the volume of these shapes.

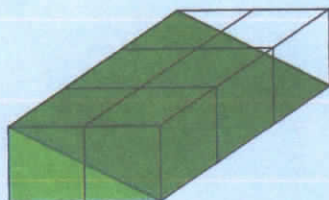
a)



b)



c)



d)

