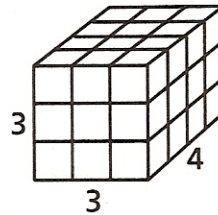
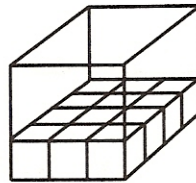


Explore Volume

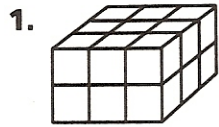
Volume is the amount of space a 3-dimensional figure encloses.
Volume is measured in cubic units.

You can use these two ways to find the volume of a rectangular or square prism.

- Count the number of cubes in one layer. The bottom layer has 12 cubes. There are 3 layers.
 $12 + 12 + 12 = 36$
The volume of the cube is 36 cubic units.
- Multiply: length \times width \times height
 $V = \text{length} \times \text{width} \times \text{height}$
 $V = 4 \times 3 \times 3 = 36$
The volume is 36 cubic units.



Find the volume of each rectangular prism.

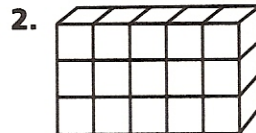


length: _____

width: _____

height: _____

volume = _____ cm^3

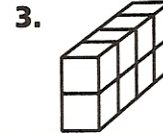


length: _____

width: _____

height: _____

volume = _____ cm^3



length: _____

width: _____

height: _____

volume = _____ cm^3

