
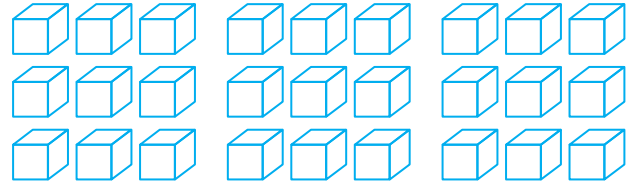
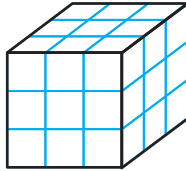


# What Do Cubes Have to Do With Volume?

**Volume:** the amount of space occupied by a 3-D object, measured in cubic units. These units can be centimeters, inches, meters, or any other unit of distance.

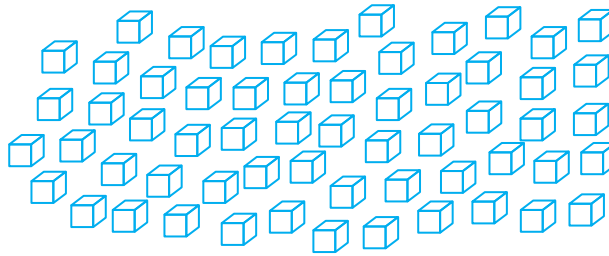
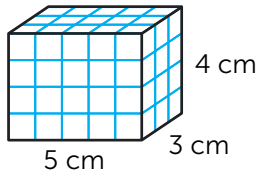
For this object, the height is 3 units, the length is 3 units, and the width is 3 units.

 = 1 cubic unit

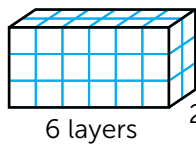


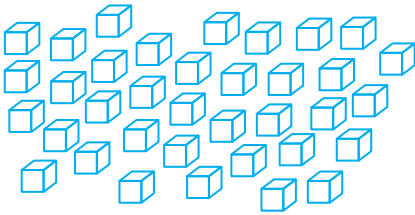
**Directions:** Look at each 3-D figure. Next to each figure is the number of cubic units used to create the figure. Find the volume of each figure by counting up how many cubic units were used to make each figure.

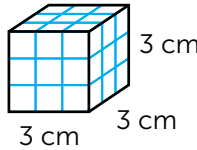
**Example:**

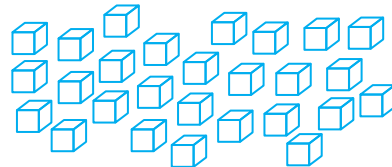


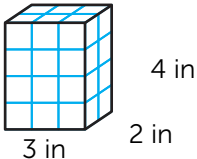
60 cm<sup>3</sup>

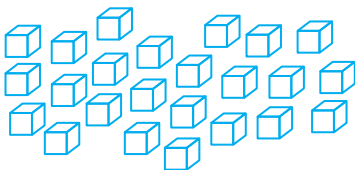
**1.**  3 layers  
6 layers 2 layers \_\_\_\_\_ units<sup>3</sup>

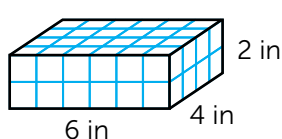


**2.**  3 cm  
3 cm 3 cm \_\_\_\_\_ cm<sup>3</sup>



**3.**  4 in  
3 in 2 in \_\_\_\_\_ in<sup>3</sup>



**4.**  2 in  
6 in 4 in \_\_\_\_\_ in<sup>3</sup>

