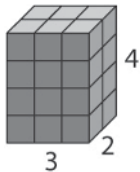


LESSON
15-3

Solving Volume Equations

Reteach

Volume is the number of cubic units needed to fill a space. To find the volume of a rectangular prism, first find the area of the base.



length = 3 units

width = 2 units

$A = lw = 3 \cdot 2 = 6$ square units

The area of the base tells you how many cubic units are in the first layer of the prism.

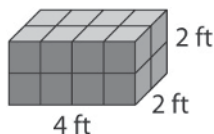
The height is 4, so multiply 6 by 4.

$6 \cdot 4 = 24$

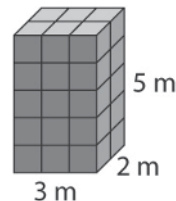
So, the volume of the rectangular prism is 24 cubic units.

Find each volume.

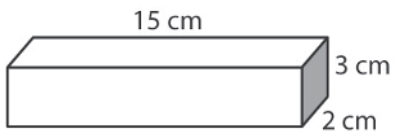
1.



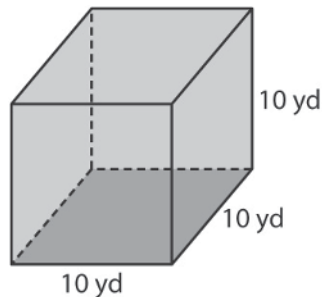
2.



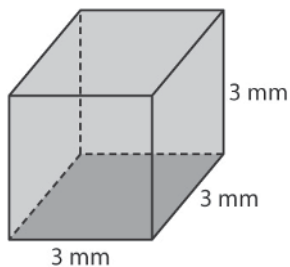
3.



4.



5.



6.

