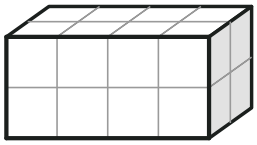
Volume: Counting Unit Cubes

Name: _____

Each small cube is 1 cubic unit. Count the cubes in the bottom layer, then count the layers.

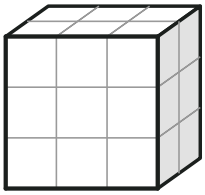
1.



_____ cubes in one layer × _____ layers

Volume = _____ cubic units

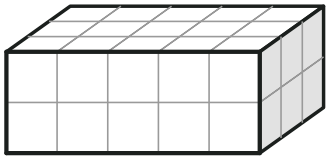
2.



_____ cubes in one layer × _____ layers

Volume = _____ cubic units

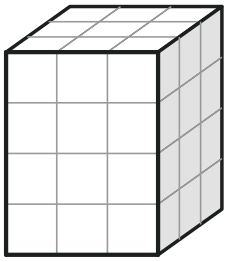
3.



_____ cubes in one layer × _____ layers

Volume = _____ cubic units

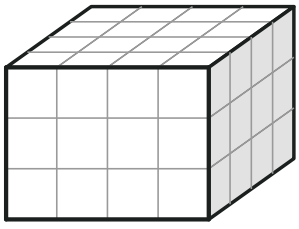
4.



_____ cubes in one layer × _____ layers

Volume = _____ cubic units

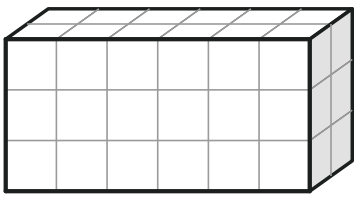
5.



_____ cubes in one layer × _____ layers

Volume = _____ cubic units

6.



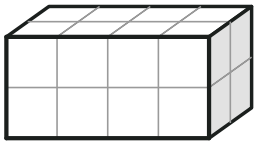
_____ cubes in one layer × _____ layers

Volume = _____ cubic units

Volume: Counting Unit Cubes (Answer Key)

Each small cube is 1 cubic unit. Count the cubes in the bottom layer, then count the layers.

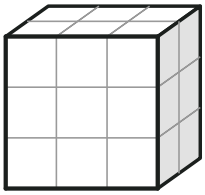
1.



8 cubes in one layer × **2** layers

Volume = **16** cubic units

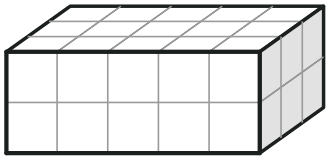
2.



6 cubes in one layer × **3** layers

Volume = **18** cubic units

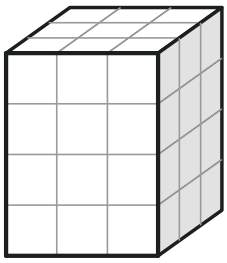
3.



15 cubes in one layer × **2** layers

Volume = **30** cubic units

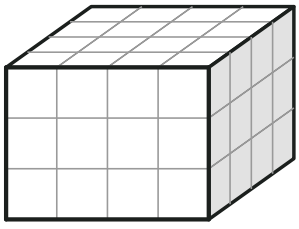
4.



9 cubes in one layer × **4** layers

Volume = **36** cubic units

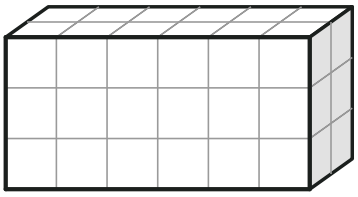
5.



16 cubes in one layer × **3** layers

Volume = **48** cubic units

6.



12 cubes in one layer × **3** layers

Volume = **36** cubic units