5.MD.3
Recognize volume as an attribute of solid figures and understand concepts of volume measurement.
a. A cube with side length 1 unit, called a "unit cube," is said to have "one cubic unit" of volume, and can be used to measure volume.
b. A solid figure which can be packed without gaps or overlaps using n unit cubes is said to have a volume of n cubic units.

5.MD.3 OH.2026.Q37

Which figure has a volume of 1 cubic unit?

(A) a circle with a radius of 1 unit

(B) a cube with a side length of 1 unit

(C) a square with a side length of 1 unit

(D) a line segment with a length of 1 unit

5.MD.3 OH.2021.Q29

A cube has a height of 1 centimeter (cm).

What is the volume of the cube?

Ⓐ 1 cm

Ⓑ 1 cubic cm

Ⓒ 3 cubic cm

Ⓓ 6 square cm

5.MD.3A OH.2018.Q36

Which approach is the **best** to find the volume of a cube?

Ⓐ Measure the length of one side and multiply the length by 3.

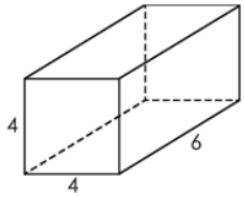
Ⓑ Measure the length of one side and multiply the length by itself.

Ⓒ Count the number of 1-cubic-centimeter unit cubes that fit inside the cube.

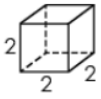
Ⓓ Count the number of 1-square-centimeter unit squares that cover the cube.

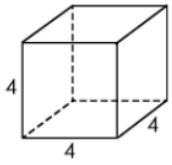
5.MD.3b OH.2017.Q17

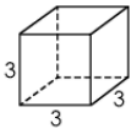
A rectangular prism is shown.

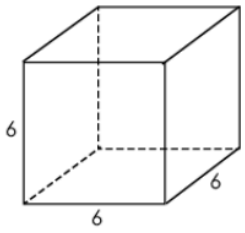


Which block could be used to find the volume of the rectangular prism?

Ⓐ 

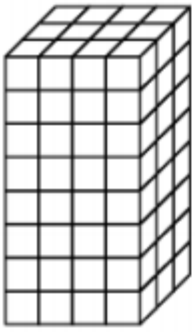
Ⓒ 

Ⓑ 

Ⓓ 

5.MD.3 OH.2016.Q4

A rectangular prism is shown.



Which measure can be found by counting all of the cubes in this prism?

Ⓐ length

Ⓑ height

Ⓒ volume

Ⓓ surface area