



## Understanding Volume of Solid Figures

### Today's Standard

5.MD.C3b - 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.

Cues	Notes
Volume	Volume measures the space a solid figure occupies.
Unit Cubes	Unit cubes are used to fill a shape without gaps or overlaps.
Solid Figures	The number of unit cubes used determines the volume in cubic units.
Measure	Volume is different from area, which measures surface space.
Gaps	Volume remains constant regardless of the shape's orientation.
Overlaps	

### Summary

Volume is the measure of space occupied by a solid figure, determined using unit cubes. It remains constant regardless of orientation and is different from area.