Unit 1, Lesson 1

What Is Volume?

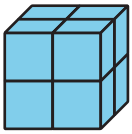
Let's build and compare objects made of cubes.

Warm-up

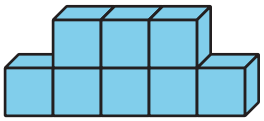
Which Three Go Together: Objects Made of Cubes

Which 3 go together?

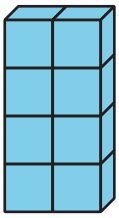
A



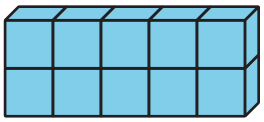
B



C



D

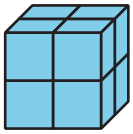


Activity 1

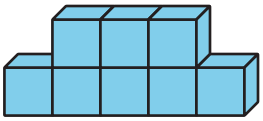
Build Objects with Cubes

1. Which is bigger? Explain or show your reasoning.

A

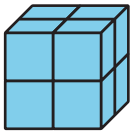


B

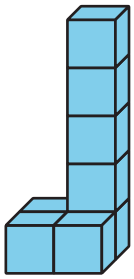


2. Which is bigger? Explain or show your reasoning.

A



B



3. What does it mean for an object to be "bigger"?

Activity 2

Build and Order

1. Each group member:
   a. Take a handful of connecting cubes.
   b. Build an object.
2. Order the objects by volume. Discuss your reasoning with your group.
3. Repeat.
4. Each group member:
   a. Take 9 connecting cubes.
   b. Build an object.
5. Order the objects by volume. Discuss your reasoning with your group.

