## Lesson 1: What Is Volume?

- Let's build and compare objects made of cubes.


## Warm-up: Which One Doesn't Belong: Objects Made of Cubes

Which one doesn't belong?
A

B

C

D


## 1.1: 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"?
$\qquad$
$\qquad$
$\qquad$
$\qquad$

## 1.2: Build and Order

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

