Lesson 1: What Is Volume?

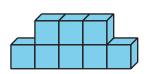
• Let's build and compare objects made of cubes.

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

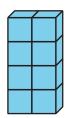
Which one doesn't belong?

Α



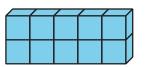


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1.1: Build Objects with Cubes

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

В

В

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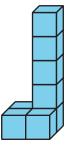
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2. Which is bigger? Explain or show your reasoning.





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



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

