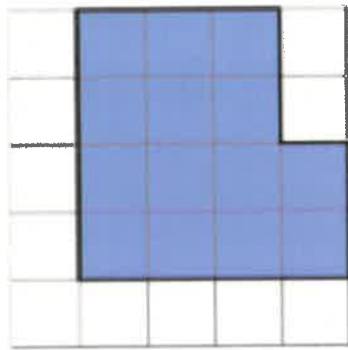Name_____Date_____

VOLUME IS CAPACITY

1. How do you determine the volume of a rectangular prism?

2. Draw a rectangular prism below and label the length, width, and height.

3. How do you determine the volume of any prism?

4. What does B represent?

5. Draw a cube below with an edge length of ½ inch.

6. Find the volume of the cube drawn in #5. Convince me by showing all of your thinking below.

7. Imagine the figure below is 5 ½ units high. Find its volume. *Convince me by creating a proof of your solution by using drawings, numbers, arrows, calculations, and/or other features that make your reasoning clear and convincing.*

8. Find the volume of the rectangular prism below. Convince me by showing all of your thinking.

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