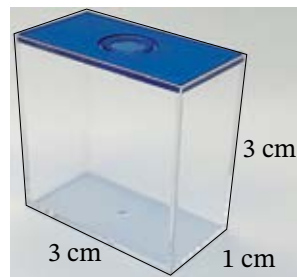




Name _____

Date _____

1. Tyler plans to pour the water from the graduated cylinder into the container shaped like a right rectangular prism.



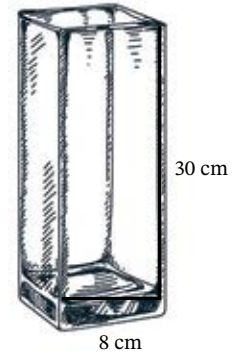
- Draw lines on the container to decompose it into layers.
 - Determine the volume of the container.
- c. Can Tyler pour all the water from the graduated cylinder into the container? Explain.

2. A company advertises that its glass vase, which is shaped like a right rectangular prism, holds 2 liters of water. The base of the inside of the vase is a square. A side of the base measures 8 centimeters.

- a. Decompose the vase into layers to find its volume.

Volume of 1 layer:

Volume of the vase:



- b. What is the volume of the vase in milliliters?
- c. What is the volume of the vase in liters?
- d. Is the company's advertisement correct? Explain.