1. Johnny filled a container with **30 centimeter cubes**. Shade the beaker to show how much water the container will hold. Explain how you know.

   I know that 1 centimeter cube = 1 mL, so 30 centimeter cubes would = 30 mL.

2. A beaker contains 250 mL of water. Jack wants to pour the water into a container that will hold the water. Which of the containers pictured below could he use? Explain your choices.

   **Box A:**
   \[ V = 6 \text{cm} \times 12 \text{cm} \times 12 \text{cm} = 864 \text{cm}^3 \]

   **Box B:**
   \[ V = 20 \text{cm}^2 \times 12 \text{cm} = 240 \text{cm}^3 \]

   **Box C:**
   \[ V = 5 \text{cm} \times 2.5 \text{cm} \times 2 \text{cm} = 25 \text{cm}^3 \]

   **Box D:**
   \[ V = 75 \text{cm}^2 \times 3 \text{cm} = 225 \text{cm}^3 \]

3. On the back of this paper, describe the details of the activities you did in class today. Include what you learned about cubic centimeters and milliliters. Give an example of a problem you solved with an illustration.

   This will vary by student and class.