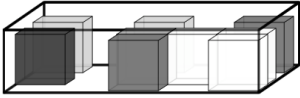


Date: \_\_\_\_\_

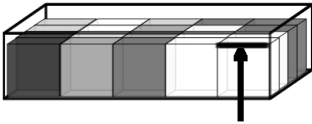
## Challenge: Build a measuring cup!



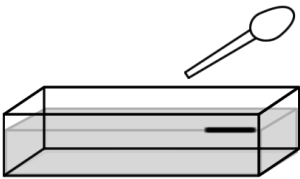
- Fill the box with a layer of cubes.

How many cubic centimeters did you use? \_\_\_\_\_

The volume of the space that the cubes take up is: \_\_\_\_\_

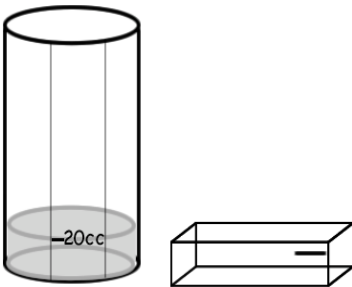


- Make a line at the top of the cubes.

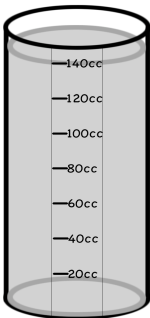


- Remove the cubes from the box.
- Fill the box with water up to the line.
- Use the dropper to help you get the right amount.

What is the volume of the water in the box? \_\_\_\_\_



- Pour 20cc of water from the box into the container.
- Make a mark on the tape at the top of the water.
- Label the mark 20cc.



- Measure 20cc of water in your measuring box.
  - Pour 20cc of water from the box into the container.
  - Make a mark on the tape at the top of the water.
  - Label the mark 40cc.
- 
- Continue to add 20cc of water to the container. Each time make a new mark and label it with the number of cubic centimeters.