

Filling Graduated Cylinders

Work with a partner. Fill your graduated cylinder and read the water level.

Materials

- container or pitcher filled with water
- eyedropper
- graduated cylinder
- paper towels (to clean up spills)
- Fill the Cylinder table



Elizabeth

The eyedropper helps you get exact volumes.

Directions

1. One partner names a target volume such as 50 cc or 75 cc.
2. The second partner pours water into the graduated cylinder almost to the level of the target volume. Use the eyedropper to add water until you have the target amount.
3. The first partner reads the volume and writes it down in the data table.
4. The second partner checks the reading and writes it down.
5. Both partners agree on the reading and record it in the Agreed Reading column.
6. After both partners agree, pour the water back into the container.
7. Repeat the process. Take turns switching who names the volume and who pours the water.

Fill the Cylinder

First Partner's Reading	Second Partner's Reading	Agreed Reading

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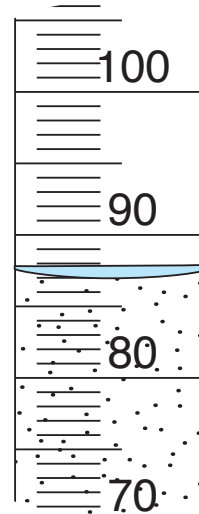
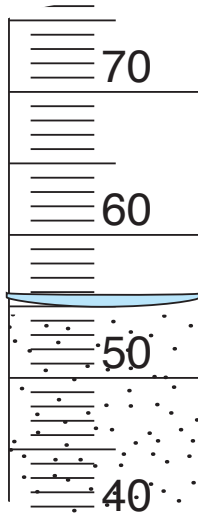
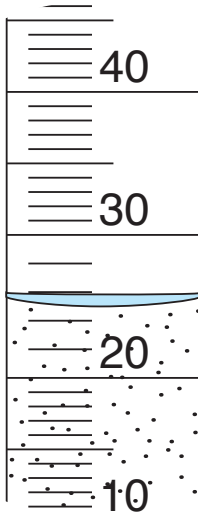
Draw

1. Draw and label a picture showing how to fill a graduated cylinder. Use clue words like *first*, *next*, and *finally* to tell the steps in order.



 **Check-In: Questions 2–4**

2. What is the volume of the water in each cylinder?



A. _____

B. _____

C. _____

Show or tell how to solve each problem.

3. Mark’s cylinder was filled to 162 cc of water. Mark added 87 more cc of water. How much water is in Mark’s cylinder now?

4. Tara had 241 cc of water in her cylinder. She spilled some water. Then the volume was 103 cc. How much water did she spill?