

Name: _____ Date: _____

Using a Graduated Cylinder

How can a graduated cylinder be used to measure volume?

Materials

Two sizes of graduated cylinders

3 different sizes of glasses – different widths needed

Procedure

1. Put some water in the bottom of one of the glasses.
2. Try to visually put the same amount of water in each of the other glasses.
3. Pour the water from glass 1 into the larger graduated cylinder. Record the amount of water.
4. Pour the water from the larger graduated cylinder into the smaller cylinder. Record the amount of water.
5. Repeat the same procedure for glass #2 and #3.

	Larger Cylinder	Smaller Cylinder
Glass #1		
Glass #2		
Glass #3		

Questions

1. Were you able to pour the same amount of water into each glass?
How could you tell?
2. Which graduated cylinder made it easier for you to measure how much water you actually had in a glass. Explain.
3. If you wanted to measure a very specific amount of water what method would you choose? Why?