

# Cups and Cylinders



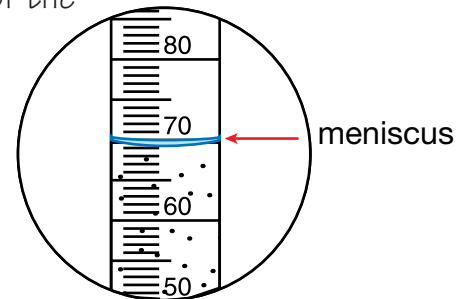
Dear Family Member:

In class we have been learning how to read scales to find the volume of a liquid and solving problems involving volume. Using the correct procedure and checking the scale on the measuring tool is important to finding the volume accurately.

At home you sometimes measure volume using a measuring cup with a scale on it. In school we have been using a scientific tool called the graduated cylinder. When you measure using a glass or plastic measuring cup, you may have noticed that the water creeps up the sides of the cup a small amount. This is called the meniscus. To get an accurate reading, you have to read the bottom of the meniscus.

Please help your child explain errors and correct procedure, then read the scales to solve problems in the following questions.

Thank you.



A graduated cylinder containing 69 cc

## Reading a 2-Cup Measure

1. Look at the three pictures. Each of the three children is trying to read the water level in a 2-cup measuring cup. Explain the correct and incorrect methods you see.

Picture A




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