

Name \_\_\_\_\_

Section \_\_\_\_\_

Lab Instructor \_\_\_\_\_

Date \_\_\_\_\_

## EXPERIMENT 2      The Use of Volumetric Glassware

### RESULTS/OBSERVATIONS

#### A. The Graduated Cylinder

Identifying color of cylinder water

Volume contained in cylinder

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mass of *empty* 25-mL graduated cylinder \_\_\_\_\_

Mass of cylinder plus water sample \_\_\_\_\_

Mass of water in cylinder \_\_\_\_\_

Temperature of water sample \_\_\_\_\_

Density of water at this temperature \_\_\_\_\_

Calculated volume of water transferred \_\_\_\_\_

Difference between observed volume and calculated volume \_\_\_\_\_

Mass of empty 50-mL beaker \_\_\_\_\_

Mass of beaker plus water sample \_\_\_\_\_

Mass of water in beaker \_\_\_\_\_

Temperature of water sample \_\_\_\_\_

Density of water at this temperature \_\_\_\_\_

Calculated volume of water transferred \_\_\_\_\_

Difference between observed volume and calculated volume \_\_\_\_\_