

Calibration of Glassware

Directions are on Page 38 of your text, under Reference Procedure for the buret. This is located after the problems in Chapter 2. A general description of how to calibrate the pipet is in the text of Chapter 2.

Be sure to do three trials for the buret as well as for the pipet.

Report the actual volume of one 20 or 25 mL volumetric pipet, with error.

Report any 10 mL region of the buret that does not meet the tolerance specified in Chapter 2. For that region, state the average correction factor (with error and direction). This is your "buret deviation." If the entire buret is within tolerance, report "no deviations." (Be sure to note the region where the error occurs!) How to determine the average correction factor for two trials is shown in the reference procedure. You should modify it for three trials.

For this lab only, you may put both experiments on the same note card.