1. Draw a picture of a pipet that includes the proper position of the meniscus with respect to the fill line.

   a. When filling a 20 mL pipet, what volume do you record (including the correct number of significant figures)?

2. Define accuracy.

   a. Write the formula for the calculation associated with determining accuracy.

3. Define precision.

   a. Write the formula for the calculation associated with determining precision.
4. A buret measures the change in volume from an initial level to a final level. For the initial and final levels pictured, determine the change in volume (to the correct number of significant figures).

5. When using a thermometer with markings in degrees Celsius, to what place do you record the temperature?