

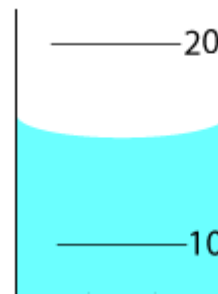
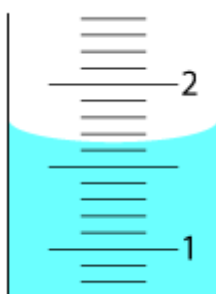
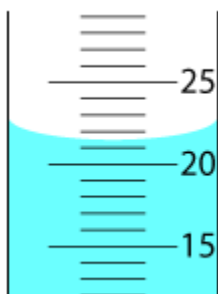
Name: _____

Period: _____

Lab #2 – Volumetric Glassware

Lab Day: _____

1. Why is it important to read the meniscus at eye-level? What happens if you read from above the level of the meniscus? From below the level of the meniscus?
2. Mercury has a density of 13.534 g/mL at room temperature. If a sample of mercury has a mass of 3.7 g, what is the volume of the sample? Show all of your work and use significant figures in the calculation.
3. Measure to the correct number of significant figures. Assume the glassware measures in mL.



4. What would you expect to happen to the density of a substance as the temperature increases? As the pressure increases? Explain your reasoning for both situations.