

Name \_\_\_\_\_ Lab Partner \_\_\_\_\_  
TA Name \_\_\_\_\_ Section \_\_\_\_\_ Date \_\_\_\_\_

### Titration PreLab Worksheet

1. Sodium hydroxide (NaOH) is being used this week.
  - a. It is described as \_\_\_\_\_.
  - b. If you get any of it in your eyes, what should you do?
2. List the waste disposal instructions for this week's lab.
3. Using the Volumetric Glassware section in your lab manual as a resource, briefly describe how to condition a buret.
4. When reading the volume on a buret, it should be recorded to the nearest \_\_\_\_\_ ml.
5. Using the Volumetric Glassware section in your lab manual as a resource, briefly describe how to clean a buret and how to leave it at the end of the lab period.
6. Calculate the molar mass of acetic acid ( $\text{HC}_2\text{H}_3\text{O}_2$ ).

7. Calculate the number of millimoles contained in 24.55 mL of 0.4997 M NaOH solution.