

LW#3~ MEASURING LIQUID VOLUME
FOR FULL CREDIT ON THIS ASSIGNMENT,
YOU MUST HAVE:



- **TITLE**
- **PURPOSE**
- **DATA TABLE**
 - **3 columns correctly labeled WITH UNITS!**
 - **All columns filled in** _____
- **ANALYSIS QUESTIONS ANSWERED IN COMPLETE SENTENCES (5 questions)**

LW#3: Measuring Liquid Volume

PURPOSE:

To learn the proper procedure for measuring liquid volume AND to demonstrate the importance of careful reading and accurate measurements when performing lab investigations.

ANALYSIS:

1. Describe the correct method for **reading** the volume of liquid in a graduated cylinder.
2. Explain why it was important to rinse the graduated cylinder after each use
3. Explain at least 4 **specific** errors that could cause an incorrect final volume or final color of the liquids in the test tubes
4. Would the VOLUME of liquid in a test tube change if you poured the liquid into a larger test tube? What about a smaller test tube? **EXPLAIN YOUR REASONING**
5. **COMMUNICATING YOUR RESULTS:** Using pictures or words, briefly explain how to measure the volume of a liquid.