LAB #3 Development of an Equation

*There is a video this week so please watch the video and pay attention to it.

*Notebooks will be graded during the laboratory class. This is worth 10% of your laboratory grade and it must be signed by the TA before you leave.

*There is lead waste in this experiment and it must be disposed of properly. Collect the waste in a beaker at your desk till the end of lab, then take it over to the hood. You MUST sign your name and record the volume of waste put in the container. **Failure to do so will result in a 5 point deduction from the lab grade.**

*Remind your TA to make sure the lab hoods are turned on.

*Make sure to counterbalance your test tubes when you are centrifuging.

*Be sure to rinse the dropping tube and stirring rod with distilled water between each solution.

**GRADING**

*Prelab Questions
   1, 2, 3(a,b), 6  20 pts.
*Purpose     2 pts.
*Procedure    2 pts.
*Part A    12pts (3 pts. Each test)
*Part B  6 pts. (3 pts. Each test)
*Part C   (30 pts.)
   Table 1 - 5 observations, 2 pts. each observation
   Table 2 - 10 observations, 2 pts. each observation
*Identify correct tube based on observations. See page 33 (2 pts.)
*Explain choice     (3 pts.)
*Formula of ppt     (4 pts.)
*Equation        (6 pts.)
*Conclusion      (4 pts.)
*Questions 1, 4, 5, and 7 from page 34 (15 pts.)
*Lab notebook (10 pts.)