## **Molar Conversion Prelab**

- Write out GENERIC dimensional analysis pathways and line setups showing how to convert each of the following types of problems. Use X, Y, Z etc instead of actual numbers. Make sure to include all units in your conversions!
  - a. X grams to Z moles
  - b. X moles to Z grams
  - c. X grams to Z molecules
  - d. X molecules to Z grams
- 2) Make a T-Chart for the following problem: How many molecules are in 250 grams of Lead (II) Nitrate?
- 3) What is the definition of "Weighing By Difference?"

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