

Name: \_\_\_\_\_ Lab Time: \_\_\_\_\_

### Experiment 4 Summary Sheet

Please enter the items requested below from your notebook. Turn in this sheet at the beginning of the next lab period. Net ionic equations for all observed reactions must be written clearly in your lab notebook, a copy of which you will turn in after you complete all of Experiment 4.

**List the formulas for all precipitates that you observed:**

**Write the net ionic equation for the precipitation reaction between  $\text{Ag}^+$  and  $\text{NH}_3(\text{aq})$ :**

**Of the solid hydroxides and oxides you obtained:**

**Which appeared to dissolve in 2 M  $\text{HNO}_3$ ?**

**Which appeared to dissolve in 2 M  $\text{NaOH}$ ?**

**Give net ionic equations for the following reactions:**





**Give the answer to questions 1b and 2b below (from the list of Replacement Problems for Experiment 4): (all others must be handed in with your lab report)**