

Name: _____

Block: _____

Precipitation Reactions

For each of the following aqueous double replacement reactions:

- a) Predict the products by switching the ions and balancing the charges.
- b) Check your solubility rules to see whether any of the products forms a precipitate.
 - Write the phase after each product. If the product is soluble, write *(aq)* after it. If the product is insoluble, then it precipitates; write *(ppt)* after it. If the product is a gas, then write *(g)* after it.
 - If at least one of the products is a precipitate or a gas, the reaction occurs, and you're done.
 - If all of the products are soluble (aqueous), then no reaction occurs. (You just have water with ions floating in it.) Cross out the products and write "N.R." (No Reaction).

