

### WRITING NET IONIC EQUATIONS

Write a balanced net ionic equation for the reaction that occurs in each of the following cases. Assume that all soluble reactants are written in the form of aqueous solutions. Indicate gas and precipitates that are formed, as well as insoluble solid reactants. If no reaction occurs, then write "NO REACTION" and do not write a balanced equation.

1. potassium phosphate + magnesium nitrate →



2. calcium chloride + aluminum nitrate →



Net: no rxn

3. sodium hydroxide + acetic acid →



4. calcium + iron (III) sulfate →



5. mercury + sulfuric acid →



Net: no rxn

Net: no rxn

6. calcium carbonate + sulfuric acid →

