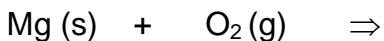
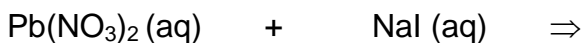


**General Chemistry**  
**Mr. MacGillivray**  
**Quiz #22:**  
**Solubility, Precipitates, & Rxn. Prediction**

Complete the following equations based on your knowledge of chemical reactions. Be sure to **balance them** also. Note: all of these reactions **do** take place.



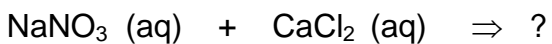
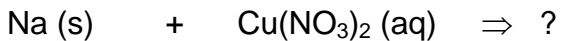
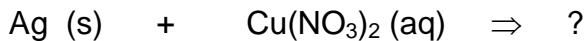
(product formed is a solid)



(one solid is formed; the rest of the reactants stay aqueous)

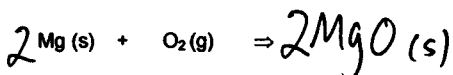


Will the following reactions occur? (That is, will any new products form?) Answer "YES" or "NO Reaction."

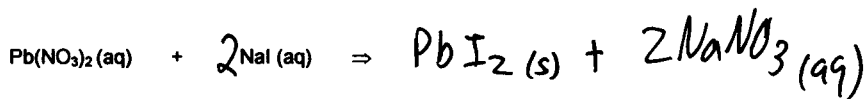


General Chemistry  
Mr. MacGillivray  
Quiz #22:  
Solubility, Precipitates, & Rxn. Prediction

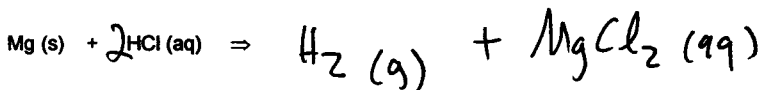
Complete the following equations based on your knowledge of chemical reactions. Be sure to balance them also. Note: all of these reactions do take place.



· (product formed is a solid)



(one solid is formed; the rest of the reactants stay aqueous)



Will the following reactions occur? (That is, will any new products form?) Answer "YES" or "NO Reaction."



NO Rxn (see activity series)



YES (see activity series)



NO,

because NaCl would be soluble and  $\text{Ca(NO}_3)_2$  would be soluble, too. Everything starts out to remain dissolved.  
→ "aq"