

Name:

Predicting Products

Predict the products of the following chemical reactions. If a reaction will not occur, explain why not:

1) $\text{___ Ag}_2\text{SO}_4 + \text{___ NaNO}_3 \rightarrow$	2) $\text{___ NaI} + \text{___ CaSO}_4 \rightarrow$
3) $\text{___ HNO}_3 + \text{___ Ca(OH)}_2 \rightarrow$	4) $\text{___ CaCO}_3 \rightarrow$
5) $\text{___ AlCl}_3 + \text{___ (NH}_4\text{)PO}_4 \rightarrow$	6) $\text{___ Pb} + \text{___ Fe(NO}_3\text{)}_3 \rightarrow$
7) $\text{___ C}_3\text{H}_6 + \text{___ O}_2 \rightarrow$	8) $\text{___ Na} + \text{___ CaSO}_4 \rightarrow$