

Reactions Mix 2
Students Practice for Proficiency

Objective: Can I pick out which type of reaction is being utilized and properly predict the products

This box below represents the minimum that would be expected on a student notecard. Quickly fill it out.

See template on other sheet

Can you do this without looking? ←? Put on Notecard.

Complete and balance	Reaction Type
1. $\underline{\quad}$ $\text{H}_2\text{CO}_3 + \underline{\quad}$ $\text{MgCl}_2 \rightarrow \text{HCl}_{(aq)} + \text{MgCO}_3_{(s)}$	dd
2. $\underline{\quad}$ $\text{K} + \underline{\quad}$ $\text{H}_2\text{O}_2 \rightarrow \text{H}_2 + \text{K}_2\text{O}_2$ <div style="margin-left: 40px;">↑ Peroxido O_2^{-2}</div>	S
3. $\underline{\quad}$ $\text{FeCl}_2 + \underline{\quad}$ $\text{Ca}(\text{NO}_3)_2 \rightarrow \text{CaCl}_2_{(aq)} + \text{Fe}(\text{NO}_3)_2_{(aq)}$ <div style="margin-left: 40px;">(N/A)</div>	dd
4. $\underline{2}$ $\text{NaCl} \rightarrow \text{Na} + \text{Cl}_2$	decomp.
5. $\underline{\quad}$ $\text{Ba} + \underline{\quad}$ $\text{Sn}(\text{NO}_3)_2 \rightarrow \text{Ba}(\text{NO}_3)_2 + \text{Sn}$	SR
6. $\underline{2}$ $\text{NI}_3 \rightarrow \text{N}_2 + 3 \text{I}_2$	decomp