

Balancing Equation Practice

Directions: Balance the following chemical equations. Write final balanced equation in the bold box. The first one has been done for you. Paste page in Science Interactive Notebook.

1. $2 \text{N}_2 + \text{O}_2 \rightarrow 2 \text{N}_2\text{O}$ <div style="display: flex; justify-content: space-around; border-top: 1px solid black; border-bottom: 1px solid black; margin: 5px 0;"> <div style="text-align: center;">N 2 4</div> <div style="border-left: 1px solid black; width: 1px; height: 100%;"></div> <div style="text-align: center;">N 2 4</div> </div> <div style="display: flex; justify-content: space-around; border-top: 1px solid black; border-bottom: 1px solid black; margin: 5px 0;"> <div style="text-align: center;">O 2</div> <div style="border-left: 1px solid black; width: 1px; height: 100%;"></div> <div style="text-align: center;">O 1 2</div> </div>	2. $\text{Na} + \text{H}_2\text{O} \rightarrow \text{NaOH} + \text{H}_2$
$2\text{N}_2 + \text{O}_2 \rightarrow 2\text{N}_2\text{O}$	
3. $\text{KClO}_3 \rightarrow \text{KCl} + \text{O}_2$	4. $\text{Li} + \text{FeBr}_2 \rightarrow \text{LiBr} + \text{Fe}$
5. $\text{NaOH} + \text{FeCl}_3 \rightarrow \text{NaCl} + \text{Fe}(\text{OH})_3$	6. $\text{Ca}_2\text{Br}_2 + \text{NaCO}_3 \rightarrow \text{CaCO}_3 + \text{NaBr}$
7. $\text{H}_2 + \text{Cl}_2 \rightarrow \text{HCl}$	8. $\text{CdCO}_3 \rightarrow \text{CdO} + \text{CO}_2$