

Balancing Chemical Equations Worksheet With Answers

Introduction

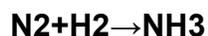
This worksheet is designed to help you practice balancing chemical equations. Each problem includes space for you to write the balanced equation, and answers are provided for self-checking.

Instructions

- Write down the unbalanced equation.
- Use coefficients to balance each element.
- Double-check your work to ensure both sides of the equation have the same number of each type of atom.

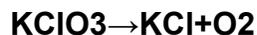
Worksheet

1. Equation 1:



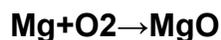
- Answer: _____

2. Equation 2:



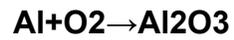
- Answer: _____

2. Equation 3:



- Answer: _____

2. Equation 4:



- Answer: _____

Answer Key

1. $\text{N}_2 + 3\text{H}_2 \rightarrow 2\text{NH}_3$
2. $2\text{KClO}_3 \rightarrow 2\text{KCl} + 3\text{O}_2$
3. $2\text{Mg} + \text{O}_2 \rightarrow 2\text{MgO}$
4. $4\text{Al} + 3\text{O}_2 \rightarrow 2\text{Al}_2\text{O}_3$