**Balancing Chemical Equations Worksheet With Answers**

horizontal line

### **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:**

**N2​+H2​→NH3​**

* + **Answer: \_\_\_\_\_\_\_**

1. **Equation 2:**

**KClO3​→KCl+O2​**

* + **Answer: \_\_\_\_\_\_\_**

1. **Equation 3:**

**Mg+O2​→MgO**

* + **Answer: \_\_\_\_\_\_\_**

1. **Equation 4:**

**Al+O2​→Al2​O3​**

* + **Answer: \_\_\_\_\_\_\_**

### **Answer Key**

1. **N2​+3H2​→2NH3​**
2. **2KClO3​→2KCl+3O2​**
3. **2Mg+O2​→2MgO**
4. **4Al+3O2​→2Al2​O3​**