**Lab 4-3B Observing Chemical Reactions**

**Purpose**: To observe and predict the products of a chemical reaction.

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| **Reaction 1** | |
| **Reactants** |  |
| **Observations** |  |
| **Products** |  |
| **Balanced Equation** | |

**Conclude and Apply:**

1. In what ways were the three reactions similar?
2. In what ways were the three reactions different?
3. The hydrogen in the test tube from Reaction 3 was reacted with the oxygen in the air.
   1. Predict the product of the reaction between hydrogen and oxygen.
   2. Write a balanced equation for this reaction.

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| **Reaction 2** | |
| **Reactants** |  |
| **Observations** |  |
| **Products** |  |
| **Balanced Equation** | |

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| **Reaction 3** | |
| **Reactants** |  |
| **Observations** |  |
| **Products** |  |
| **Balanced Equation** | |