Name _____

Molecules in Action: Understanding Reactants and Products in a Chemical Reaction

Open-Ended Response Questions

1. Think of a real-life scenario that involves a chemical reaction. Describe the reactants, the transformation process, and the products in that reaction.

2. Consider a situation where a chemical reaction resulted in a change of properties from reactants to products. Explain how this change can be observed in everyday life.

3. Imagine you are a chemist trying to discover a new chemical reaction. What steps would you take to identify the reactants and products, and how would you ensure the conservation of mass in your experiments?

4. Discuss the significance of the conservation of mass principle in the context of environmental conservation and sustainability.

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