Name _____

What is the Law of Conservation of Mass, and How Does It Apply to Chemical Reactions?

Short Answer

1. Explain the Law of Conservation of Mass and its significance in chemistry.

2. Describe a chemical reaction from everyday life and how it demonstrates the conservation of mass.

3. Write the balanced chemical equation for the reaction between sodium (Na) and chlorine (Cl_2) to form sodium chloride (NaCl).

4. Why is it important to balance chemical equations when representing reactions?

5. How does the Law of Conservation of Mass apply to recycling materials?