

Name _____

Elementary Chemistry: The Interactions of Elements and Compounds

Short Answer Key

1. In a covalent bond, atoms share electrons to achieve a stable electron configuration.
2. An example of a compound is water (H_2O), composed of the elements hydrogen (H) and oxygen (O).
3. In a neutralization reaction, acids and bases react to form water and a salt.
4. Combustion reactions release energy by burning hydrocarbons and producing carbon dioxide and water.
5. Understanding chemical interactions between elements and compounds in environmental science is essential for assessing pollution, studying chemical reactions in natural systems, and developing solutions for environmental issues.

