

Name \_\_\_\_\_

## Elementary Chemistry: The Interactions of Elements and Compounds

### Short Answer

1. Explain what happens at the atomic level during a covalent bond formation.
2. Provide an example of a compound and describe the elements it is composed of.
3. How do acids and bases interact in a neutralization reaction?
4. Describe the role of combustion reactions in producing energy for various applications.
5. Why is it essential to understand chemical interactions between elements and compounds in environmental science?

