

Name \_\_\_\_\_

## What is a Chemical Reaction?

### Multiple Choice Questions

1. What is a chemical reaction?
  - a) A transformation of substances into new substances
  - b) A physical change in the appearance of matter
  - c) Mixing two or more ingredients to make a dish
  - d) A change in temperature due to sunlight
  
2. What are the substances you start with in a chemical reaction called?
  - a) Transformations
  - b) Products
  - c) Ingredients
  - d) Reactants
  
3. What is the result of a chemical reaction?
  - a) Ingredients
  - b) Transformations
  - c) Products
  - d) Recipes
  
4. Which type of reaction involves the burning of a substance in the presence of oxygen?
  - a) Synthesis reaction
  - b) Decomposition reaction
  - c) Precipitation reaction
  - d) Combustion reaction
  
5. Why are chemical reactions important in our daily lives?
  - a) They make food taste better.
  - b) They are entertaining to watch.
  - c) They help scientists solve complex problems and develop new technologies.
  - d) They have no significant impact on our lives.

