

Name _____

How Can You Tell If a Chemical Reaction Has Occurred?

Multiple Choice Questions

1. What is one of the most noticeable signs that a chemical reaction has occurred?
 - a) A change in temperature
 - b) A formation of gas
 - c) No change in color
 - d) Precipitate formation

2. When you see bubbles or fizzing, what does it indicate during a chemical reaction?
 - a) A change in color
 - b) A change in temperature
 - c) Formation of gas
 - d) Formation of a new substance

3. Why does a cold pack feel chilly when activated?
 - a) It releases gas.
 - b) It absorbs heat from its surroundings.
 - c) It changes color.
 - d) It forms a precipitate.

4. What is a precipitate in a chemical reaction?
 - a) A formation of gas
 - b) A change in temperature
 - c) A solid substance formed when two liquids react
 - d) A change in smell

5. What is chemiluminescence?
 - a) The release of gas during a chemical reaction
 - b) A change in temperature caused by a reaction
 - c) The production of light during a chemical reaction
 - d) The change in color of substances during a reaction

