

Name _____

What Is A Precipitation Reaction?

Multiple Choice Questions

1. What is the result of a precipitation reaction?
 - a) Formation of a gas
 - b) Formation of a solid (precipitate)
 - c) Increase in temperature
 - d) Change in color

2. In a precipitation reaction, the formation of a solid precipitate occurs because:
 - a) The reactants are non-reactive.
 - b) The reactants are highly soluble in water.
 - c) The product is attracted to water molecules.
 - d) The product is insoluble in water.

3. Which of the following is an application of precipitation reactions?
 - a) Boiling water for tea
 - b) Charging a smartphone
 - c) Watering plants
 - d) Removing impurities from drinking water

4. What happens when two soluble compounds in a solution undergo a precipitation reaction?
 - a) They create a solution.
 - b) They remain unchanged.
 - c) They form a solid precipitate.
 - d) They dissolve completely.

5. How can chemists control the outcome of a precipitation reaction?
 - a) By increasing the temperature
 - b) By adjusting the pH of the solution
 - c) By adding more water
 - d) By using larger containers

