

Write balanced chemical equations for the following reactions. Include phases. Identify type of reaction.

1. Acid rain can be produced by the reaction of sulfur trioxide gas with water to form sulfuric acid.

Type: _____

2. Aqueous solutions of barium chloride and potassium carbonate react to produce aqueous potassium chloride and a precipitate of barium carbonate.

Type: _____

3. Ammonia gas and sulfuric acid react to form aqueous ammonium sulfate.

Type: _____

4. When electricity is passed through solid sodium chloride it yields solid sodium metal and chlorine gas.

Type: _____

5. Solid sulfur burns in oxygen gas to produce sulfur dioxide gas.

Type: _____

6. Zinc metal reacts with aqueous silver nitrate to produce silver metal and aqueous zinc nitrate.

Type: _____