

Name _____

Base's Bold Encounter with Acids: The Reaction and Its Products

Short Answer

1. Describe the process of neutralization between a base and an acid, including the main products formed.
2. Explain why the reaction between a base and an acid is referred to as "neutralization."
3. Write the balanced chemical equation for the neutralization reaction between potassium hydroxide (KOH) and sulfuric acid (H₂SO₄), indicating the products produced.
4. What is the role of water (H₂O) in the neutralization reaction between bases and acids, and how is it formed?
5. Provide an example of a salt that can be formed as a byproduct of the neutralization reaction between ammonia (NH₃) and hydrochloric acid (HCl).

