

Answers

SNC2D

Neutralization Reactions

Example:

When dissolved sulfuric acid reacts with dissolved sodium hydroxide, the dissolved salt sodium sulfate and water are produced. Write the word equation and balanced chemical equation for the reaction.

a) Word Equation:

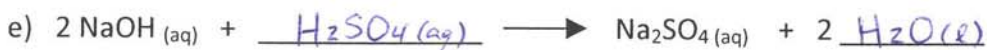
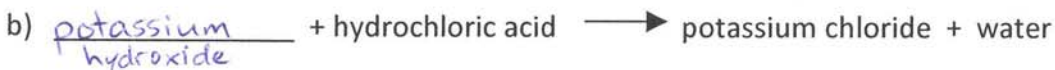


b) Balanced Chemical Equation



Questions:

1. For each neutralization reaction below, identify the missing product or reactant.



2. When $\text{KOH}(\text{aq})$ reacts with $\text{HBr}(\text{aq})$, a neutralization reaction occurs. Write the word equation and balanced chemical equation.



H(OH)

✓ balanced

3. Dissolved sulfuric acid (H_2SO_4) reacts with dissolved magnesium hydroxide ($\text{Mg}(\text{OH})_2$) to produce a salt and water. Write the word equation and balanced chemical equation.

