

Name _____ Date _____ Per _____

Acid-Base Neutralization Reactions

Neutralization is a chemical reaction between an acid and a base. Chemists say that an acid neutralizes a base when the two react completely, producing a salt (an ionic compound of a metal or positive ion bonded to a non metal ion) and water as products with a pH of 7.

Observe the teacher demonstration of hydrochloric acid, HCl, and sodium hydroxide, NaOH. Write the balanced chemical equation below. **Name** both the reactants and products, and **label** as acid (A), base (B), conjugate acid (CA) and conjugate base (CB)

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Directions: Write the **balanced** chemical equation for the following neutralization equations. **Name** both the reactants and the products, and label as acid (A), base (B), conjugate acid (CA) and conjugate base (CB)

