

Name \_\_\_\_\_

## Acids and Bases: The Dynamic Duo of Chemistry

### Short Answer Key

1. Baking soda is a common base found in household cleaning products.
2. Neutralization is a chemical reaction between an acid and a base that results in the formation of water and salt, effectively neutralizing the acidic or basic properties of the substances involved.
3. Acid rain can harm plants, aquatic life, and buildings, as it contains acidic compounds that damage these structures and ecosystems.
4. The body maintains its pH balance through mechanisms such as the release of bicarbonate ions by the pancreas and the removal of excess acid by the kidneys.
5. The pH range of acidic substances on the pH scale is from 0 to less than 7.

