

Name _____

Acids and Bases: Everyday Heroes You Didn't Know About

Multiple Choice Questions

1. What is the role of strong acids like hydrochloric acid in toilet bowl cleaners?
 - a) Adding color to the toilet water
 - b) Enhancing the fragrance of the toilet
 - c) Breaking down mineral deposits and stains
 - d) Making the toilet bowl more comfortable to sit on

2. How do bases like baking soda and baking powder affect baking?
 - a) They add sweetness to baked goods.
 - b) They provide a pleasant aroma.
 - c) They help dough and batter rise.
 - d) They make baked goods crispy.

3. What is the primary purpose of antacids in medicine?
 - a) To increase stomach acid production
 - b) To neutralize excess stomach acid
 - c) To treat headaches
 - d) To improve digestion

4. In which industry is sulfuric acid commonly used?
 - a) Food production
 - b) Fertilizer production
 - c) Clothing manufacturing
 - d) Electronics

5. How do acids and bases benefit the environment in wastewater treatment plants?
 - a) By adding colors to the treated water
 - b) By promoting plant growth
 - c) By adjusting the pH of water for effective pollutant removal
 - d) By reducing the amount of water used

