

Name _____

Acids at Work: How Acids Are Used in Industry

Multiple Choice Questions

1. In the metal industry, what is one of the primary purposes of using acids?
 - a) To add color to metal products
 - b) To make metal surfaces slippery
 - c) To clean and prepare metal surfaces
 - d) To create a shiny finish on metals

2. How do some acids contribute to the preservation of certain foods?
 - a) By making the food taste sour
 - b) By extending the shelf life of the food
 - c) By adding a spicy flavor to the food
 - d) By making the food spicy

3. What role do acids play in the dyeing process in the textile industry?
 - a) They help fix dyes to the fabric.
 - b) They make fabrics softer.
 - c) They add fragrance to textiles.
 - d) They prevent fabrics from shrinking.

4. Why are acids used in pharmaceutical manufacturing?
 - a) To make medicines taste better
 - b) To color medicines
 - c) To synthesize active pharmaceutical ingredients, control pH, and ensure stability
 - d) To make medicines fizz

5. What is the main function of strong acids in toilet bowl cleaners?
 - a) To create a pleasant fragrance
 - b) To make the toilet water colorful
 - c) To break down stubborn stains and mineral buildup
 - d) To make toilet bowls more comfortable to sit on

