

Name _____

Bases at Work: The Role of Bases in Various Industries

Multiple Choice Questions

1. What is one of the primary roles of bases in chemical manufacturing?
 - a) Adding color to chemicals
 - b) Making chemicals smell pleasant
 - c) Creating various chemical products
 - d) Removing rust from metal surfaces

2. How do bases in household cleaning products contribute to their effectiveness?
 - a) By making surfaces slippery
 - b) By adding a pleasant fragrance
 - c) By cutting through grease and grime
 - d) By making surfaces colorful

3. What is the purpose of using bases in agriculture to produce fertilizers?
 - a) To make plants taste better
 - b) To provide essential nutrients to plants
 - c) To add fragrance to plants
 - d) To make plants grow faster

4. Why are bases used in antacids for digestive relief?
 - a) To make the antacids colorful
 - b) To neutralize excess stomach acid
 - c) To add a spicy flavor to the antacids
 - d) To improve digestion

5. What role do bases play in wastewater treatment plants?
 - a) Adding color to treated water
 - b) Promoting plant growth
 - c) Adjusting the pH of water for effective pollutant removal
 - d) Reducing the amount of water used in treatment

