

Name _____

Discovering Bases: Their Characteristics, Taste, and Texture

Open-Ended Response Questions

1. Explore the concept of pH as it relates to bases. How does a higher pH indicate a stronger base, and what are the practical implications of this for their applications and characteristics?
2. Imagine you are conducting an experiment to compare the bitterness of baking soda and a common acidic substance. Describe the experimental setup, the criteria for evaluating bitterness, and the expected observations and results.
3. Investigate the role of bases in cleaning products and detergents. How do their slippery texture and alkaline properties contribute to the effectiveness of these products in removing stains and oils?
4. Discuss the significance of bases in daily life, including their role in personal hygiene and cleaning routines. How do our interactions with bases shape our experiences with various products and substances?

