

Name _____

In the Middle of It All: The Mystery of Neutral Substances

Open-Ended Response Questions

1. Research and discuss the potential consequences of a significant deviation from the ideal blood pH of 7.4 in the human body.
2. Imagine you are a scientist studying the impact of water pollution on the pH of a local river. Describe the methods and tools you would use to monitor changes in the river's pH over time.
3. Explore the role of pH in the taste of different foods and beverages. How can acidity or alkalinity affect the overall flavor experience?
4. Investigate the ways in which pH control is critical in industrial processes, such as the production of chemicals or the treatment of wastewater.

