

Name _____

The Three Faces of Water: Unique Properties of Ice, Liquid Water, and Water Vapor

Open-Ended Response Questions

1. Imagine a world where ice was denser than liquid water. How might this impact the formation of bodies of water, aquatic ecosystems, and climate patterns?
2. Discuss one practical application of understanding the unique properties of water in everyday life or industry.
3. Explain why it is essential for scientists to study water's properties and its various states when researching climate change and its effects on our planet.
4. Describe a simple experiment that demonstrates one of the unique properties of water to someone who has never heard of it before.

