

Name _____

Gravity Unveiled: The Connection Between Earth's Composition and Gravitational Pull

Open-Ended Response Questions

1. Imagine you are on a mountain's peak and then descend to the base. How does your weight change during this journey, and why?
2. Discuss the impact of variations in Earth's composition on gravitational strength in different regions. Provide examples of how this can affect daily life.
3. Explain how gravitational pull affects the tides in Earth's oceans. What celestial bodies are involved in causing tides?
4. Consider a scenario in which the Earth's composition had no variations, and all regions had the same density of rock. How would this impact the strength of gravity experienced by objects on Earth?

