

Name \_\_\_\_\_

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

### Short Answer

1. Explain the relationship between an object's mass and the strength of the gravitational pull it experiences.
2. Describe the four main layers of the Earth and their compositions.
3. How does the distance from the Earth's center affect the strength of gravitational pull?
4. What is the primary cause of variations in gravitational strength on Earth's surface?
5. Why is it important for scientists to measure variations in gravity across the planet?

