

Name _____

Attracting Knowledge: Magnetic Force vs. Gravitational and Electric Forces

Open-Ended Response Questions

1. Discuss the role of magnetic force in modern technology and its applications in everyday life. Provide examples of devices that rely on magnetic force.
2. Imagine you are on a spaceship far from any celestial bodies. Explain how the absence of gravitational force might affect your experience inside the spaceship and your ability to navigate.
3. Investigate the similarities and differences between magnetic and electric fields. How do these fields interact with their respective forces?
4. Reflect on the importance of understanding these fundamental forces in the context of scientific research and technological advancements. How do these forces shape our understanding of the natural world?

