

Name \_\_\_\_\_

## Isaac Newton: Unraveling the Laws of Motion and Gravity

### Short Answer

1. Describe Isaac Newton's early life and how it influenced his interest in science.
2. Explain the significance of Isaac Newton's "Principia" and its major contributions to science.
3. What are Newton's Three Laws of Motion, and how do they relate to the study of mechanics?
4. How did Isaac Newton's law of universal gravitation change our understanding of the physical world and celestial bodies?
5. What role did Isaac Newton play in the development of calculus, and why is calculus important in mathematics and science?

