name: class: date:

Isaac Newton's Legacy

1. Fill in the gaps with the right words!
2. Scan the QR code to check your answers interactively!
3. Copy the text in your exercise book!
4. Formulate the content of the text yourself!
   Use all gap words!

During the _____ Revolution, a time of major breakthroughs in the fields of mathematics, physics, astronomy, and biology, one man stood out among his peers. Isaac _____, an English mathematician, physicist, and astronomer, made profound contributions that have left a lasting impact on science. He was born in 1642, in a small town in _____. Newton's curiosity and intellect led him to the University of _____, where he would develop his most famous work. His _____ Mathematica, published in 1687, laid the foundations for classical mechanics. Newton formulated the laws of _____ that describe the relationship between a body and the forces acting upon it. He also discovered the law of _____ gravitation, explaining how every object in the universe attracts every other object with a force that is proportional to their masses and inversely proportional to the square of the distance between their centers. This was a groundbreaking concept that challenged the way people understood the _____. Newton's work in _____ led to the development of the reflecting telescope, enhancing the study of the cosmos. He also made significant contributions to _____, notably the development of calculus, independently of German mathematician Leibniz. Newton's theories and discoveries not only propelled the Scientific Revolution forward but also laid the groundwork for the _____, influencing thinkers and scientists for centuries to come. His legacy is a testament to the power of human curiosity and intellect in unlocking the secrets of the _____ world.

natural	England	universe	optics	motion	mathematics	Enlightenment
Principia	Scientific	Cambridge	Newton	universal		

Reference: https://materials.school/educational-activities/task-collection/art-and-culture/isaac-newtons-legacy (created with ChatGPT)