

# Sir Isaac Newton and the Scientific Revolution

## Matching:

1. Newton Calculus	A. mathematical method that was developed by Isaac Newton in 1667
2. Dynamics	B. Isaac Newton was also known as the _____
3. Isaac Newton	C. branch of modern physics established by Isaac Newton
4. Father of Modern Physics	D. college where Isaac Newton studied
5. Cambridge College	E. known as the genius who found gravity because an apple fell on his head

## Multiple Choice:

1. Isaac Newton published his first book, the \_\_\_\_\_, Mathematical Principles of Natural Philosophy, on July 5, 1687.
2. As a child Isaac Newton was an \_\_\_\_\_ and didn't have many friends.
3. As a child, Newton's mother left him to be raised by his \_\_\_\_\_.
4. In writing in his college notebook, what did Isaac Newton say was his best friend? \_\_\_\_\_
5. While trying to decipher whether there was a connection between eye shape and color, Newton plunged a \_\_\_\_\_ into the lower part of his eye to try and change the shape of his eye.
6. Who was Halley's Comet named after? \_\_\_\_\_
7. Isaac Newton discovered that all colors were a mixture of the color \_\_\_\_\_.
8. Isaac Newton laid the foundations of classical \_\_\_\_\_.
9. What was the title of Newton's Second book? \_\_\_\_\_
10. In September of 1665, England faced a disease called the \_\_\_\_\_.
11. Mathematics allowed Newton to discover the law of \_\_\_\_\_.
12. Newton discovered the laws of physics are universal laws that affect \_\_\_\_\_.
13. Newton developed his own telescope called the \_\_\_\_\_ telescope in 1668.
14. What language was the Principia written in? \_\_\_\_\_
15. How many Laws of Motion did Newton come up with? \_\_\_\_\_