

## Newton's Dark Secrets



1. Newton invented \_\_\_\_\_, and improved our understanding of \_\_\_\_\_ and \_\_\_\_\_.
2. Which famous scientist died in 1642, the same year Newton was born ?
3. When did Newton's father die ?
4. Why did Newton dislike his mother ?  
+  
+
5. How many books did Newton have in his library ?
6. Why did he leave Cambridge and return home for awhile ?
7. Galileo dealt with average speed. Why did Newton invent a new field of mathematics ?  
+  
+
8. Scientists before Newton had separated light with prisms, but what important aspect of white light did he prove ?  
+  
+
9. What was the response of Cambridge students to Newton's lectures ?  
+  
+
10. How was Newton's telescope superior to Galileo's ? Also, what did he use that Galileo did not ?  
+  
+
11. What made Newton famous ?  
+  
+  
+
12. What did the scientist Robert Hooke claim ?  
+

+  
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13. Newton believed \_\_\_\_\_ were encoded alchemic recipes.

14. Explain what Newton believed about Christ and God.

+  
+  
+

15. What was Newton trying to figure out with the 30 Bibles he owned ?

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+

16. When Edmund Halley visited Newton to ask him about orbits, what shape did Newton tell him orbits must have ?

+

17. When Newton published his 500 page book on motion, who once again tried to take credit for the ideas ?

18. Why did some people criticize Newton's Law of Gravity ?

+  
+  
+

19. What job did he take in London ?

20. What was Newton's second book about ?