

The Scientific Revolution - Module 18 Sec 1 Questions pg. 710-717

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1. Before 1500, what decided what was true or false?
2. During the Middle Ages, how was the Earth viewed?
3. Why was this 'common sense'?
4. What was this theory called?
5. What 2 people started this theory?
6. What authority also taught this was the right way?

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7. What is the Scientific Revolution?
8. What helped lead to the Scientific Revolution?
9. What 2 fields led this exploration?
10. *Who needed better instruments?*
11. What were scientists finding out?
12. Who had a problem with the geocentric theory?
13. What was Copernicus's new theory called?

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14. When did he publish the findings?
15. What was his book and where did he get it?
16. Who carefully followed Copernicus's idea?
17. Who was Brahe's assistant and what did he prove?
18. Who wrote *Starry Messenger*?
19. What did he discover?
20. *Who did Galileo frighten? *
21. Why were they worried?

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22. What happened to Galileo with the church?
23. What is the scientific method?
24. What are the parts of the scientific method?
25. What are the two different types of thinking for the scientific method?

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26. What did Francis Bacon think?
27. What did he urge?
28. What was his approach called?
29. What did Descartes develop?
30. *What did Descartes believe?*
31. What is based on the ideas of Bacon and Descartes?
32. What can lead to a better understanding of the natural world?

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33. Who helped bring Copernicus, Kepler, and Galileo's ideas together?
34. What did he know by the age of 26?
35. What did he publish in 1687?

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36. What were scientists also studying now?
37. Who invented the first microscope?
38. What did Anton van Leeuwenhoek observe in the 1670's? What else did he see?
39. What did Galileo's student develop?
40. *Who made the 1st thermometer? What did his device do?*
41. Who created a different version of this?
42. What did Galen never do?
43. Who proved Galen wrong? How?

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44. What did Edward Jenner do?
45. Where was this practiced beforehand and how long?
46. What did he do to prevent smallpox?
47. What was cowpox used to do?
48. Who was the pioneer in chemistry? What did he write?
49. What was his idea that challenged Aristotle?
50. *What did the notions of reason and order do? *