

Chapter 1 Practice Test Answers

1. Areas of equal elevation
2. Hypothesis
3. Manipulated variable
4. Index contour
5. Elevation
6. Elevation
7. Prime Meridian
8. Equator
9. Scale
10. Responding variable
11. Lithosphere
12. Inferring
13. Contour interval
14. Plateau
15. Relief
16. North and south, but measures East and West
17. 180° for a hemisphere, 360° for the circumference
18. Biosphere
19. The diagram was accidentally numbered.
20. Scientific Inquiry - you would use scientific skills to do the inquiry

21. Reading the diagram should probably begin with posing questions, since the goal of scientific inquiry is to answer questions about the natural world.
22. Often, a scientific inquiry suggests new questions, which lead to the formation of new hypotheses and experiments.
23. Energy from the Sun.
24. You should include each "sphere" of the Earth system in your answer. For example, Atmosphere provides oxygen and precipitation to grow crops, etc.
25. 20m
26. 240m
27. Mountain – the contour lines are close together, indicating the steepness of the landform and the elevation is 240m. Also, the contour lines show that there is a peak.
28. There would be no way to tell which variable caused the results.