

Chapter 1 Practice Test: Introduction to Earth Science
Mrs. DeCarlo

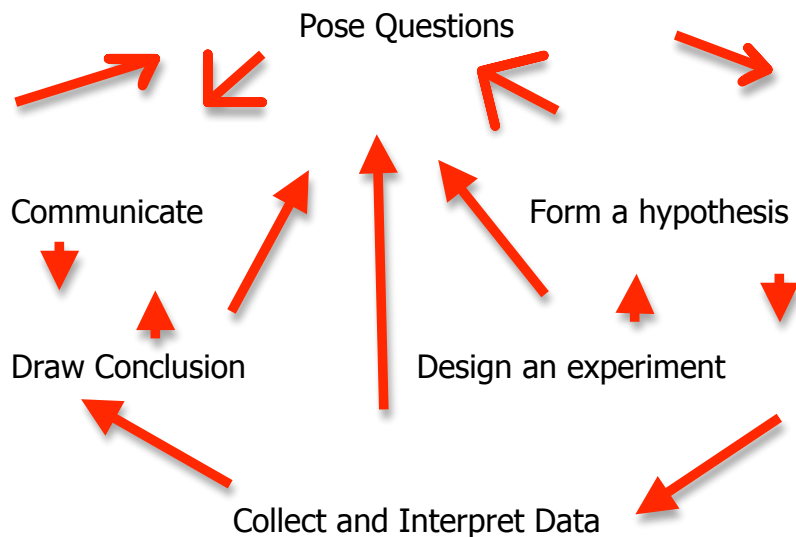
Please write the best answer. Don't forget to bring this back to class.

1. On a topographic map, **contour lines** show what?

2. A possible **explanation** for a set of **observations** or answer to a scientific question is a _____.
3. In an experiment, the one **variable** that is purposely **changed** to test a hypothesis is called the _____.
4. What would you use to find the **elevation** of a feature on a topographic map? _____.
5. The topography maps include landforms, relief and _____.
6. What is the main **difference** between a coastal plain and an interior plain?

7. The imaginary line that runs through Greenwich, England is called the _____.
8. The imaginary line that circles Earth and separates the northern and southern hemisphere is the _____.
9. A map's _____ relates **distance** on a map to a **distance** on Earth's surface.
10. One of the factors that can **change** in an experiment is called a(n) _____.
11. Earth's four main parts are the atmosphere, the hydrosphere, the biosphere, and the _____.
12. When you **explain** or **interpret** what you observe, you are _____ (**Hint:** scientific skill).
13. The elevation difference between one contour line and the next is called the _____ (it should be the same).

14. A landform that has **high elevation** and a more or less **level surface** is called a(n) _____.
15. The **difference** in elevation between the highest and lowest parts of an area is its _____.
16. The longitudinal lines run in which direction? _____
17. The longitudinal lines in **each hemisphere** are numbered up to _____ degrees.
18. The earth system that **extends** into all of the other systems is the _____.
19. Use the diagram below to answer the following questions. If the diagram is confusing (I don't blame you), look on page 11 for clarification only.

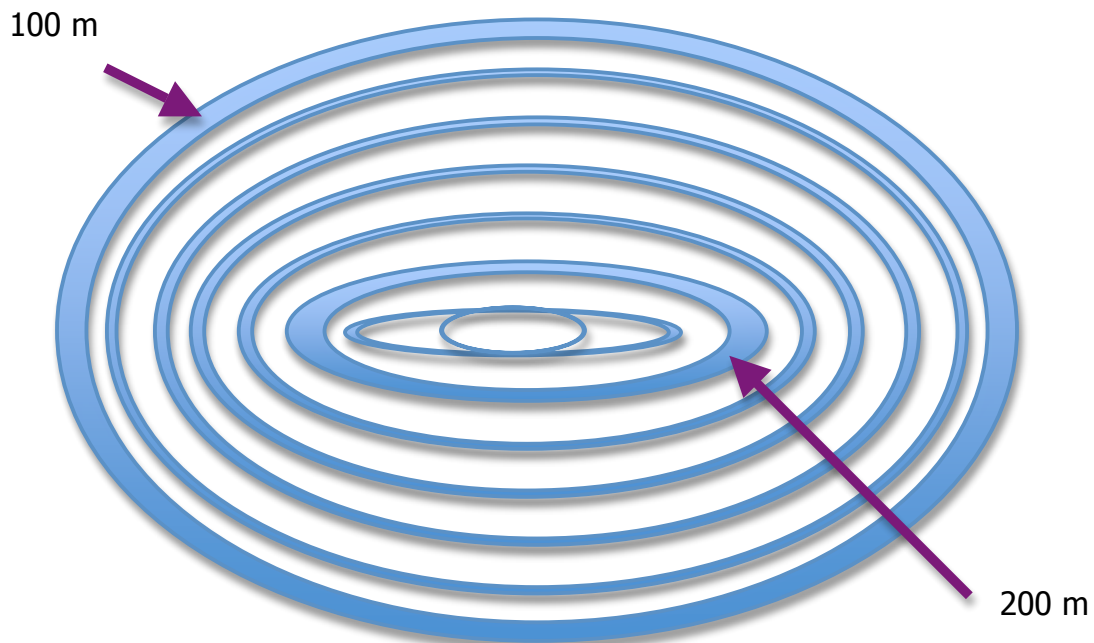


20. What does this diagram **represent**?
- _____
- _____
21. Where should you begin in reading this diagram? Explain your answer.
- _____
- _____
- _____
22. Why doesn't the diagram have an **end**?
- _____
- _____

23. What does the Earth depend on (or need) to start and continue its **processes** (systems)?

24. Explain how each of the Earth systems contribute to the food we eat. You can bullet point each system and write a short sentence next to it.

Use the map below to answer the following questions.



25. What is the **contour interval** of this map? _____

26. What is the **highest elevation** of this landform? _____

27. What **type** of **landform** do you think this is and why? (Give a reason)

28. Explain why using **2 manipulated variables** in an experiment are not a good idea.
