

Choose from the vocabulary words below, and fill in the blanks in the sentences to the right, and below.

Vocabulary Words:

- Map view
- Profile view
- Map legend
- Map scale
- Longitude
- Latitude
- Time zone
- International Date Line
- Topographic map
- Elevation
- Relief
- Contour line
- Contour interval
- Slope
- Geologic map
- Cross section
- Remote sensing

Use Vocabulary

- 1 Both a map scale and a _____ are added to a map to help interpret the features shown on the map.
- 2 In order to simplify timekeeping in locations that are close to each other, Earth is divided into 24 _____.
- 3 In order to learn about geologic formations underground, you need to look at a _____.
- 4 The _____ indicates the difference in elevation between two adjacent contour lines.
- 5 Aerial photographs are part of the map-making technology known as _____.
- 6 A map that shows the shape and features of Earth's surface is a(n) _____.

7. What is it called when you collect information about an area without coming into physical contact with it?

8. Is the Equator a line of longitude or latitude?

9. What do we use to calculate the distances on a map?

10. What is the the height above sea level of any point on Earth's surface called?

11. What do you call the measure of the steepness of the land?

Multiple Choice:

12. Which model of the earth does not distort surface features?

- a) a conical projection b) a cylindrical projection c) a globe d) a map

13. GIS are computerized information systems used to:

- a) collect data without coming in contact with it b) monitor changes in satellites
c) store and analyze map data d) to help mapmakers quickly make maps

14. Distinguish between political and physical maps. (2 pts)

- a) A political map shows
b) A physical map shows

16. Draw a 'plan view' map of the classroom. Try to use accurate proportions, and include details such as the door, sinks, etc. to help the viewer know what they are looking at. Make a legend and a scale. (5pts)

17. GPS was originally designed for military purposes. What is it commonly used for today? (1pt)

18. What might a land-usage map represent, and, how would the map be used, and by whom? (3pts)

19. Describe each of the following maps: what it is used for and how it looks (2 pts each)

- Physical maps

- Relief maps

- Political maps

- Road maps