

# Directed Reading A

## Section: Topographic Maps

1. A map that shows surface features of the Earth is a(n) \_\_\_\_\_ map.
2. The height of an object above sea level is its \_\_\_\_\_.
3. Who is responsible for making topographic maps of all of the states in the United States?  
\_\_\_\_\_

### ELEMENTS OF ELEVATION

Match the correct definition with the correct term. Write the letter in the space provided.

- |  |                     |
|--|---------------------|
| _____ 4. difference in elevation between one contour line and the next | a. contour line     |
| _____ 5. a darker, heavier contour line; usually every fifth line      | b. contour interval |
| _____ 6. line that connects points of equal elevation                  | c. index contour    |
| _____ 7. variations in elevation                                       | d. relief           |
| 8. The index contour is labeled by _____.                              |                     |

### READING A TOPOGRAPHIC MAP

Match the correct description of a feature on a USGS map with the correct color. Write the letter in the space provided.

- |   |          |
|---|----------|
| _____ 9. wooded areas                   | a. black |
| _____ 10. contour lines                 | b. green |
| _____ 11. roads, bridges, and railroads | c. brown |
| _____ 12. major highways                | d. pink  |
| _____ 13. cities and towns              | e. red   |

**Directed Reading A** *continued*

**14.** Contour lines never \_\_\_\_\_.

**15.** What does a V-shaped contour line mean?

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**16.** Contour lines that are far apart indicate a(n) \_\_\_\_\_ slope.

**17.** Contour lines that are close together indicate a(n) \_\_\_\_\_ slope.

**18.** What do closed circles represent on a topographical map?

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**19.** Describe a depression on a topographic map.

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