

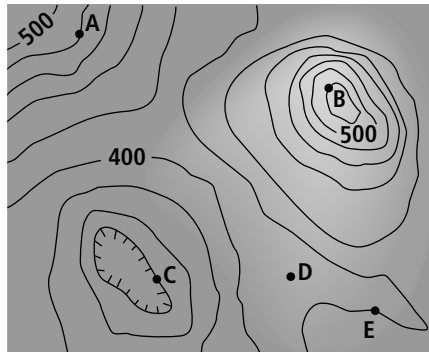
**SECTION 2.2** *Types of Maps, continued*

In your textbook, read about topographic maps and contour lines.  
Use each of the terms below just once to complete the passage.

contour interval      contour lines      hachures      index contours      topographic maps

Maps that show changes in elevation of Earth's surface are called **(12)** \_\_\_\_\_. On this kind of map, points of equal elevation are connected by **(13)** \_\_\_\_\_. The difference in elevation between two side-by-side contour lines is called the **(14)** \_\_\_\_\_. Contour lines whose elevation is marked by a number on the map are known as **(15)** \_\_\_\_\_. Contour lines that indicate depressions have **(16)** \_\_\_\_\_, or short lines at right angles to the contour lines.

The contour interval on the map below is 20 m.  
Use the contour map to answer the following questions.



**17.** Which of the labeled points on the map has the highest elevation?

\_\_\_\_\_

**18.** What is the elevation of the highest labeled point?

\_\_\_\_\_

**19.** Which of the labeled points on the map has the lowest elevation?

\_\_\_\_\_

**20.** What is the elevation of the lowest labeled point?

\_\_\_\_\_

**SECTION 2.2** *Types of Maps, continued*

In your textbook, read about map legends and map scales.

Use each of the terms below to complete the following statements.

fractional scale

graphic scale

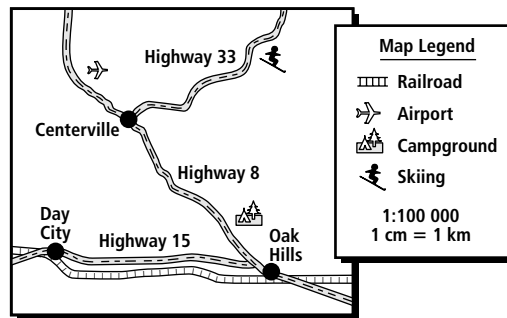
map legend

map scale

verbal scale

21. A \_\_\_\_\_ explains what the symbols on a map represent.
22. To measure distances on a map, you need to use the \_\_\_\_\_, of which there are three types.
23. A \_\_\_\_\_ expresses distance as a statement, such as one centimeter is equal to one kilometer.
24. A \_\_\_\_\_ consists of a line that represents a certain unit of distance, such as 5 km.
25. A \_\_\_\_\_ expresses distance as a ratio, such as 1:63 500.

The map and map legend below have been reduced to fit this space. Use the map and the map legend to answer the following questions.



26. Which city on the map is closest to a campground?  
\_\_\_\_\_
27. Which highway leads to a skiing area?  
\_\_\_\_\_
28. Which two cities are connected by a railroad?  
\_\_\_\_\_
29. Look at the verbal scale. If the distance from Centerville to Oak Hills is 10 km, how far apart should these cities be on the map?  
\_\_\_\_\_