

**GUIDED READING****CHAPTER 5: THE GEOGRAPHY OF WEST VIRGINIA****Section 1: Location**

**Directions:** Use the information from pages 196-202 to complete the following statements.

**Introduction**

1. \_\_\_\_\_ location describes where a place is compared to other places.
2. \_\_\_\_\_ location identifies a precise position on Earth's surface.

**Latitude and Longitude**

3. The \_\_\_\_\_ is a line that goes around the globe halfway between the North Pole and the South Pole.
4. Parallels are used to describe \_\_\_\_\_, the distance north or south of the equator.
5. The \_\_\_\_\_ Pole is located at 90°N latitude, and the \_\_\_\_\_ Pole is found at 90°S latitude.
6. Each degree contains 60 \_\_\_\_\_.
7. West Virginia is located between \_\_\_\_\_ and \_\_\_\_\_ N latitude.
8. Lines running north and south are called \_\_\_\_\_, and their starting point is the \_\_\_\_\_.
9. Meridians measure \_\_\_\_\_, which tells how far \_\_\_\_\_ or \_\_\_\_\_ of the prime meridian a place is located.
10. West Virginia is located between \_\_\_\_\_ and \_\_\_\_\_ W longitude.

**West Virginia's Boundaries**

11. West Virginia is bordered by five states—\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
12. West Virginia's natural borders make it the most \_\_\_\_\_ shaped non-

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coastal state in the United States.

13. The state is basically \_\_\_\_\_, but two \_\_\_\_\_ add variety.
14. West Virginia's eastern and southern borders follow the \_\_\_\_\_ Mountains.
15. The western border is made up of rivers, including the \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

### **West Virginia's Statistics**

16. West Virginia contains \_\_\_\_\_ square miles and ranks \_\_\_\_\_ of the 50 states in size.
17. Almost \_\_\_\_\_ percent of its land is forested, while less than \_\_\_\_\_ percent is covered with water.
18. In 2018, West Virginia had a projected population of \_\_\_\_\_ and ranked \_\_\_\_\_ in the nation in population.

### **Special Feature: Global Positioning System**

19. A \_\_\_\_\_ allows you to have a navigation system in your \_\_\_\_\_, or even on a \_\_\_\_\_.
20. The \_\_\_\_\_ is a network of orbiting \_\_\_\_\_.
21. Satellites travel approximately \_\_\_\_\_ miles per hour and take about \_\_\_\_\_ hours to circle Earth.
23. A GPS \_\_\_\_\_ calculates its \_\_\_\_\_ and \_\_\_\_\_ by using its change in \_\_\_\_\_ and \_\_\_\_\_.