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## GUIDED READING

### CHAPTER 3: THE ECONOMY OF WEST VIRGINIA

#### Section 3: West Virginia's Early Industries

Day 1

**Directions:** Use the information from pages 120-141 to complete the following statements.

#### Introduction

1. Industry refers to the \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ of goods.
2. The first pioneer industries were \_\_\_\_\_ industries, industries that started in the home.

#### The Salt Industry

3. \_\_\_\_\_ was the first major industry to develop in western Virginia.
4. During the wars of the early 1800s, \_\_\_\_\_ controlled the seas, and the United States could not get foreign salt.
5. By 1827, the saltworks at \_\_\_\_\_ and \_\_\_\_\_ and the wells in \_\_\_\_\_ County were producing 20 percent of the domestic salt.

#### The Iron Industry

6. Because \_\_\_\_\_ products weighed so much, it was difficult to transport many of them over the mountains.
7. The first major iron furnace in present-day West Virginia was built around the year \_\_\_\_\_ on land owned by \_\_\_\_\_.
8. Wheeling was nicknamed "\_\_\_\_\_." Today, \_\_\_\_\_ is the country's largest producer of cut nails.

#### The Steel Industry

9. During the 19<sup>th</sup> century, the state's iron industry converted to the production of \_\_\_\_\_.
10. Coal from \_\_\_\_\_ and iron ore from \_\_\_\_\_ were brought together in the northern panhandle, making \_\_\_\_\_ and \_\_\_\_\_ major steel-producing cities.
11. In 2004, Weirton Steel was purchased by \_\_\_\_\_, a Dutch company. In 2006, \_\_\_\_\_

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took over Arcelor Steel, and the merger made \_\_\_\_\_ the largest steel company in the world.

### **The Timber Industry**

12. Sawmills cut railroad \_\_\_\_\_, boards for \_\_\_\_\_ and \_\_\_\_\_, lumber for \_\_\_\_\_, and material for \_\_\_\_\_. Bark was used to tan \_\_\_\_\_.

13. The early timber barons cut the forests without thinking of the \_\_\_\_\_.

14. Since the 1950s, the timber and wood products industry has made a \_\_\_\_\_, which has come as a result of a new awareness of the value of \_\_\_\_\_.

### **The Farming Industry**

15. Many farmers in early western Virginia were \_\_\_\_\_ farmers, meaning that they raised only enough crops to feed their \_\_\_\_\_.

16. The first cash crops were \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.

17. West Virginia farmers are moving toward \_\_\_\_\_, which is an activity that takes place on a working farm for public recreation or education.

### **The Coal Industry**

18. Coal mined in West Virginia is \_\_\_\_\_ (soft) coal, best used for making \_\_\_\_\_.

19. John Peter Salling mentioned coal in his report in the \_\_\_\_\_ exploration of western Virginia, but coal was not used as a fuel until the beginning of the \_\_\_\_\_ Revolution.

20. After the \_\_\_\_\_ War, the coal mining industry increased rapidly.

### **The Natural Gas and Petroleum Industry**

21. William P. and John Rathbone struck oil while they were drilling \_\_\_\_\_ wells in the area around \_\_\_\_\_.

22. The first oil pipeline was constructed between \_\_\_\_\_ and \_\_\_\_\_ in 1879.

23. Around 1900, drillers began to realize the value of \_\_\_\_\_ for glass production as well as for lighting.

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### **The Glass Industry**

24. Glassmaking came to America with the first settlers at \_\_\_\_\_ in the year \_\_\_\_\_.
25. West Virginia has beds of clean, pure glass sand that is rich in \_\_\_\_\_.
26. Glassmaking in West Virginia has taken two directions: one method is the creation of \_\_\_\_\_ glass; the second method involves \_\_\_\_\_ factories.

### **The Chemical Industry**

27. The chemical industry began in West Virginia during \_\_\_\_\_.
28. West Virginia has a limited supply of the sixth element needed in the chemical industry, \_\_\_\_\_, but it is available in neighboring states.
29. \_\_\_\_\_ established its first West Virginia plant at Alloy in the late 1800s. It remained a presence in the state until 2001, when \_\_\_\_\_ purchased it for more than \$11 billion.

### **The Electrical Power Industry**

30. One of the newest industries in West Virginia is the \_\_\_\_\_-producing industry.
31. \_\_\_\_\_ is the fuel for more than 99 percent of the electrical power generated in West Virginia.
32. West Virginia has consistently been a leading \_\_\_\_\_ of electricity.

### **West Virginia Portraits: Booker T. Washington**

33. From Mrs. (Viola) Ruffner, Booker learned the importance of hard \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
34. In 1881, Washington started a normal school (teacher training school) for African Americans in \_\_\_\_\_, Alabama.

### **Special Feature: Oil and Gas Museum**

35. The Oil and Gas Museum, located at \_\_\_\_\_ Park in Parkersburg, also sponsors a five-acre Memorial Park near \_\_\_\_\_.
36. The old \_\_\_\_\_ well, located in Memorial Park, is the oldest, although not continuously producing, well in the United States.

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Day 12

**GUIDED READING**  
**CHAPTER 4: THE 21<sup>ST</sup> CENTURY GLOBAL ECONOMY**  
**Section 1: A History of a Global Economy**

**Directions:** Use the information from pages 148-162 to complete the following statements.

**Introduction**

1. The term \_\_\_\_\_ represents the bringing together of nations through international \_\_\_\_\_, foreign \_\_\_\_\_, migration, and technology.
2. Trade had existed since prehistoric cultures first \_\_\_\_\_ (traded goods and services without money) to obtain things they needed or wanted.
3. The Silk Road was an international trade route of more than \_\_\_\_\_ miles that connected \_\_\_\_\_ to the countries of the \_\_\_\_\_ region.
4. The publication of *Marco Polo's Travels* led many \_\_\_\_\_ to hope that \_\_\_\_\_ fabulous riches could be reached by ship.

**The Age of Exploration and Global Trade**

5. The search for shorter \_\_\_\_\_ gave rise to what was called the "Age of Exploration."
6. A \_\_\_\_\_ is a geographical area politically controlled by a distant country.
7. The voyages of \_\_\_\_\_ from Spain to the Americas and \_\_\_\_\_ travels from Portugal to India are credited with establishing the first actual \_\_\_\_\_ trading opportunities.
8. By the end of the sixteenth century, \_\_\_\_\_ dominated trade with the Americas, while \_\_\_\_\_ dominated trade with Africa, Asia, and Brazil.

**Colonization and Global Trade**

9. The British government believed the colonies existed to serve the needs of the \_\_\_\_\_; that is, they practiced \_\_\_\_\_.
  10. The British government also promoted growing \_\_\_\_\_ in the American colonies.
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The \_\_\_\_\_ colonies proved to be a good location for growing it.

11. \_\_\_\_\_ were brought in to work in the cotton fields.

12. The Tea Act of 1773 was one of the main causes of the \_\_\_\_\_.

### **The Growth of Global Trade**

13. \_\_\_\_\_ are taxes imposed on goods that are imported into a country.

14. In the eighteenth century, the \_\_\_\_\_ drove global trade.

15. \_\_\_\_\_ and \_\_\_\_\_ made it easier to trade with foreign countries.

### **Global Trade in the Twentieth Century**

16. World War I devastated many \_\_\_\_\_ nations, so \_\_\_\_\_ and \_\_\_\_\_ became the dominant countries in global trade.

17. Many believed that the lack of free trade was a major cause of the \_\_\_\_\_ and \_\_\_\_\_.

### **Global Trade Since 1980**

18. NAFTA stands for \_\_\_\_\_.

19. While Bill Clinton was president, the \_\_\_\_\_ (WTO) replaced GATT.

### **President Trump's Tariff Policies**

20. President Donald Trump made a major change when he withdrew from the TTP \_  
( \_\_\_\_\_ ) a few days after becoming president.

21. In the spring of 2018 President Trump imposed high tariffs on \_\_\_\_\_ from Canada, the European Union, and Mexico.

### **West Virginia's Role in Global Trade**

22. West Virginia does not have a long \_\_\_\_\_ in global trade.

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23. The \_\_\_\_\_ promotes West Virginia's exports and attracts international investments.

24. Two overseas offices, in Nagoya, \_\_\_\_\_, and Zurich, \_\_\_\_\_, supported West Virginia's export business in 2018.

### **The Growth of West Virginia Exports**

25. The state's export markets have been driven by demand for its \_\_\_\_\_.

26. In 2012, \_\_\_\_\_ accounted for approximately two-thirds of the state's export market, totaling \$8 billion.

27. In 2017, the state's export markets supported nearly \_\_\_\_\_ jobs.

28. \_\_\_\_\_ actually helps small companies grow and become \_\_\_\_\_ in all types of markets.

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Day 13

## GUIDED READING

### CHAPTER 4: THE 21<sup>ST</sup> CENTURY GLOBAL ECONOMY

#### Section 2: West Virginia's Demographic Profile

**Directions:** Use the information from pages 163-176 to complete the following statements.

#### Introduction

1. Demographics are a view of the \_\_\_\_\_ that can include age, gender, \_\_\_\_\_, education, and \_\_\_\_\_.
2. \_\_\_\_\_ industries continue to dominate West Virginia's economy.

#### Demographics and the Workforce

3. Labor demographics are a driving force in West Virginia's economy because of an \_\_\_\_\_ number of workers reaching \_\_\_\_\_ age.
4. Labor demographics have also changed because of the \_\_\_\_\_ in labor force \_\_\_\_\_.
5. Many of those leaving West Virginia are \_\_\_\_\_-age and young \_\_\_\_\_-age residents.
6. The highest growth rate was observed in \_\_\_\_\_ County.

#### Age and Health

7. West Virginia has the largest percentage in the country of \_\_\_\_\_ over \_\_\_\_\_ years of age.
8. West Virginia's residents have high rates of heart \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
9. The key to success will be the kinds of \_\_\_\_\_ available to the workforce.

#### West Virginia's Economy, 2012-2016

10. Between 2012 and 2016 West Virginia lost \_\_\_\_\_ jobs-1,700 of which were in the \_\_\_\_\_ and \_\_\_\_\_ industries.
11. To protect the \_\_\_\_\_, the United States placed many \_\_\_\_\_

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- on burning \_\_\_\_\_.
12. States looked for new sources of energy ( \_\_\_\_\_ gas, \_\_\_\_\_, and \_\_\_\_\_).
13. Between 2014 and 2016, \_\_\_\_\_ increased its production by \_\_\_\_\_ percent.
14. The lack of new construction in the business and private sectors had a \_\_\_\_\_ effect.
15. In manufacturing, the production of \_\_\_\_\_ and \_\_\_\_\_ saw increases in production.
16. \_\_\_\_\_ and \_\_\_\_\_ services have seen job growth for more than two \_\_\_\_\_ decades.
17. Weakness in coal and natural gas have hurt \_\_\_\_\_ and \_\_\_\_\_.
18. There has been declining interest in live \_\_\_\_\_ and \_\_\_\_\_ racing.
19. Steep declines in revenue from the severance tax from the \_\_\_\_\_ and \_\_\_\_\_ industries resulting in the loss of about \_\_\_\_\_ jobs in state government.

### **Regional Economic Opportunities**

20. The Ohio River provides \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ for the Ohio River Valley region.
21. Beef and hogs are two of the state's major \_\_\_\_\_ products.
22. The Ohio River region is known for its production of \_\_\_\_\_.
23. The \_\_\_\_\_ Plateau is the location for many of West Virginia's minerals.
24. Extractive industries \_\_\_\_\_ natural resources from Earth.
25. The Allegheny Highlands includes many of the state's highest \_\_\_\_\_ and remote \_\_\_\_\_ areas.

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26. The \_\_\_\_\_ Section is a large agricultural region. The state's \_\_\_\_\_ industry is located here.

### **Future Projections, 2017-2022**

27. In 2017, West Virginia's workforce \_\_\_\_\_ by approximately 7,000 \_\_\_\_\_.

28. The state's population will become more concentrated in the \_\_\_\_\_ and older group.

29. \_\_\_\_\_ growth in 2017 is forecasted to continue through \_\_\_\_\_.

30. Natural resources are projected to play a \_\_\_\_\_ role in West Virginia's \_\_\_\_\_ future.

31. Many European countries are moving away from using \_\_\_\_\_ as fuel.

32. The state's rich deposits of \_\_\_\_\_ may become the fuel China and India want in the future.

33. The manufacture of \_\_\_\_\_ is expected to register the fastest rate of growth.

34. West Virginia voters approved a levy that allows \_\_\_\_\_ from increased taxes to be used in \_\_\_\_\_ construction and improvements.

### **The Importance of Technology**

35. Thirty percent of West Virginia does not have access to basic \_\_\_\_\_ (a high-speed \_\_\_\_\_ network.)

36. Access to \_\_\_\_\_ would enable more entrepreneurs to establish their own \_\_\_\_\_.

37. Those workers who are comfortable using \_\_\_\_\_ will be in demand.

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Day 14

## GUIDED READING

### CHAPTER 4: THE 21<sup>ST</sup> CENTURY GLOBAL ECONOMY

#### Section 3: The Role of Individuals in a Global Economy

**Directions:** Use the information from pages 177-187 to complete the following statements.

#### Introduction

1. \_\_\_\_\_ is the ability to buy things now and pay for them over time.
2. \_\_\_\_\_ is money paid for the use of money.

#### Budgeting

3. One way to ensure that you will handle money effectively is to develop and follow a personal \_\_\_\_\_.
4. The biggest advantage of following a personal budget is that you can avoid problems caused by too much \_\_\_\_\_ and a poor \_\_\_\_\_.
5. When developing a budget, you should plan for a whole \_\_\_\_\_.
6. \_\_\_\_\_ is money earned for working, providing services, selling goods or property, or from investments.
7. \_\_\_\_\_ are what you spend on your own needs and wants.
8. \_\_\_\_\_ expenses are set amounts that must be paid each month; \_\_\_\_\_ expenses are not set and may vary from month to month.
9. Budgets are useless if they are not \_\_\_\_\_.
10. Every budget should include savings that can be tapped for little or big \_\_\_\_\_.

#### Savings

11. The most important element in financial planning might be having a \_\_\_\_\_ plan.
12. A \_\_\_\_\_ account is an account against which the depositor can write checks to pay bills on demand.
13. A \_\_\_\_\_ account is a holding place for money for the future.
14. Banks can pay \_\_\_\_\_ to depositors because the banks earn money from people

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who take out loans.

### **Investing**

15. To \_\_\_\_\_ is to buy an asset hoping that it will provide future profit or income.
16. The \_\_\_\_\_ is a location where shares of ownership in a corporation, called \_\_\_\_\_, are bought and sold.
17. Most investors try to protect themselves by investing in a variety of \_\_\_\_\_-risk and \_\_\_\_\_-risk ventures.

### **Using Credit**

18. Your access to credit depends on your \_\_\_\_\_, how much you \_\_\_\_\_, your \_\_\_\_\_ history, and how much you \_\_\_\_\_.
19. Most people make large or major purchases, such as \_\_\_\_\_ and \_\_\_\_\_, on credit.
20. Interest rates vary based on the interest rate the \_\_\_\_\_ charges to loan money to banks.
21. The “\_\_\_\_\_ rule” states that your total debt, excluding home mortgage payments, should be no more than \_\_\_\_\_ percent of your net income each year.

### **West Virginia Portraits: John D. Perdue: His Focus**

22. John Perdue is West Virginia’s \_\_\_\_\_.
23. Perdue’s public service career began in the year \_\_\_\_\_ when he joined the staff of the West Virginia Department of \_\_\_\_\_.
24. In 1989, Governor \_\_\_\_\_ asked him to join his staff.
25. Perhaps Perdue’s greatest achievement is his promotion of \_\_\_\_\_ education.
26. His \_\_\_\_\_ program provides realistic financial simulations and strategies for living within a budget.

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**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.

### West Virginia Portraits-Katherine Johnson: A Human Computer

19. Katherine Johnson was a curious child with a \_\_\_\_\_ mind for \_\_\_\_\_.
20. In 1953 Katherine reentered the workforce as a West Area \_\_\_\_\_ working with data from \_\_\_\_\_ tests.
21. Over time, Katherine became an \_\_\_\_\_ (electronic computer \_\_\_\_\_) with NASA.
22. Katherine calls her work on the \_\_\_\_\_ Lunar Lander and her work on the \_\_\_\_\_ her greatest contributions to the \_\_\_\_\_ program.