

Section 6-2 Renewable and Nonrenewable Resources (pages 144-149)

Key Concepts

- How are environmental resources classified?
- What effects do human activities have on natural resources?

Introduction (page 144)

1. How were the commons in an old English village destroyed? _____

2. What is meant by the phrase the "tragedy of the commons"? _____

Classifying Resources (page 144)

3. Complete the table about types of environmental resources.

TYPES OF ENVIRONMENTAL RESOURCES

| Type of Resource | Definition | Examples |
|------------------------|------------|----------|
| Renewable resources | | |
| Nonrenewable resources | | |

Sustainable Development (page 145)

4. What is sustainable development? _____

5. How do human activities affect renewable resources? _____

6. What are five characteristics of sustainable use?
 - a. _____
 - b. _____
 - c. _____
 - d. _____
 - e. _____

Land Resources (page 145)

- 7. What is fertile soil? _____
- 8. The uppermost layer of soil is called _____.
- 9. What is soil erosion? _____
- 10. How does plowing the land increase the rate of soil erosion? _____

- 11. The conversion of a previously soil-rich, productive area into a desert is called _____.
- 12. What can cause desertification? _____

Forest Resources (page 146)

- 13. Why have forests been called the "lungs of the Earth"? _____

- 14. Why are forests in Alaska and the Pacific Northwest called old-growth forests?

- 15. What is deforestation, and how does it affect soil? _____

Fishery Resources (page 147)

- 16. For what resources are Earth's oceans particularly valuable? _____

- 17. The practice of harvesting fish faster than they can reproduce is called _____.
- 18. What is one approach to sustainable development of fisheries? _____

- 19. What is aquaculture? _____

Air Resources (page 148)

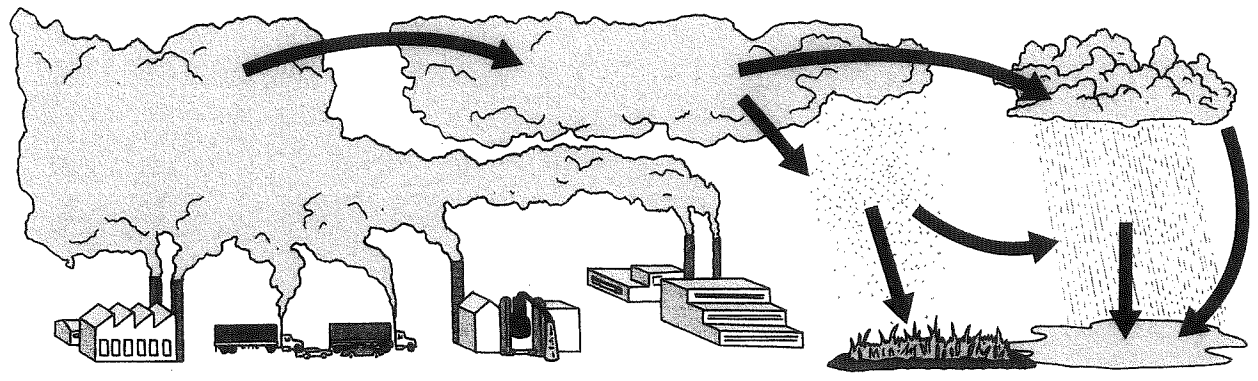
- 20. What is smog? _____

- 21. What is a pollutant? _____

- 22. How does the burning of fossil fuels affect air quality? _____

- 23. Microscopic particles of ash and dust in the air that can cause health problems are called _____.
- 24. What does acid rain contain that kills plants and harms soil? _____

- 25. Complete the illustration by writing the names of the processes that lead to the formation of acid rain.



Freshwater Resources (page 149)

- 26. Why are protecting water supplies from pollution and managing demand for water major priorities? _____

- 27. What is domestic sewage, and how does it threaten water supplies? _____

- 28. How can protecting forests ensure sustainable use of water resources?

- 29. Why can conservation in agriculture save large amounts of water? _____

