

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)

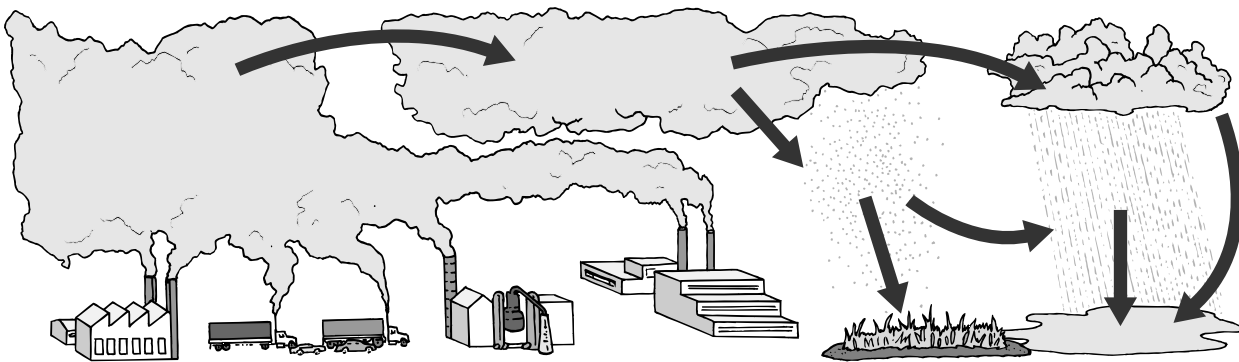
- 20. What is smog? _____

- 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? _____

