

Skills Worksheet

Directed Reading A

Section: Environmental Solutions

1. List four human needs that will have an impact on the Earth.

CONSERVATION

- _____ 2. The preservation and wise use of natural resources is called
a. recycling. c. conservation.
b. biodiversity. d. ecology.
- _____ 3. Riding a bike not only saves fuel; it can also help prevent
a. air pollution. c. soil pollution.
b. water pollution. d. overpopulation.
- _____ 4. When people practice conservation, they use fewer
a. muscles. c. natural resources.
b. foods. d. habitats.
- _____ 5. Which of the following is NOT one of the three Rs of conservation?
a. reuse c. reduce
b. recycle d. rebuild

REDUCE

6. In some countries, as much as one-third of the waste produced is made up of what?

7. Something that is _____ can be broken down by living organisms.

8. Describe how some farmers are taking better care of the environment.

Directed Reading A *continued*

9. What are some new sources of energy being studied in the hopes that they will replace fossil fuels?

10. What have car companies developed that will reduce the need for fossil fuels and reduce pollution?

REUSE

11. What is one way plastic bags can be reused?

12. What are two ways old tires can be reused?

13. How is water reclaimed and reused?

RECYCLE

_____ 14. Recovering valuable or useful materials from waste or scrap is called

- a. reusing.
- b. reducing.
- c. renewing.
- d. recycling.

_____ 15. What can be recycled into a natural fertilizer?

- a. old tires
- b. old plastics
- c. yard clippings
- d. aluminum cans

_____ 16. What percentage of energy needed to change raw ore into aluminum is saved by recycling aluminum?

- a. 95%
- b. 75%
- c. 16%
- d. 100%

Directed Reading A *continued*

- _____ 17. One example of resource recovery is using garbage to
- a. generate electricity.
 - b. reduce air pollution.
 - c. limit trash collection.
 - d. save trees.
18. List three materials that can be recycled, and describe how one of them is used again.

19. How do some communities make recycling easy for citizens?

20. Why are some people concerned about burning waste material to produce energy?

MAINTAINING BIODIVERSITY

21. Why is biodiversity important to an ecosystem?

22. Describe what might happen if an important predator in an ecosystem were lost.

Directed Reading A *continued*

23. How does the Endangered Species Act help protect biodiversity?

24. What is one example of an animal that has been helped by the Endangered Species Act?

25. Why is it important to protect habitats and not just individual species of organisms?

ENVIRONMENTAL STRATEGIES

26. What does the EPA do to help protect the environment?

27. List five environmental strategies that people can use to help protect Earth's environment.

28. List five things that young people can do to help clean up Earth.
