

Skills Worksheet

Concept Review

19

MATCHING

In the space provided, write the letter of the term or phrase that best matches the description.

- | | |
|--------------------|--|
| a. compost | f. Resource Conservation and Recovery Act (RCRA) |
| b. biodegradable | g. incinerator |
| c. landfill | h. mining waste |
| d. solid waste | i. leachate |
| e. hazardous waste | j. surface impoundment |

- D 1. any discarded solid material
- B 2. can be broken down by biological processes
- F 3. requires producers of hazardous waste to keep records of how wastes are handled
- C 4. place to dispose of waste by burying it
- I 5. water that contains dissolved chemicals from wastes that have been buried
- H 6. rocks and minerals left over from excavation and processing
- G 7. facility for burning trash
- A 8. nutrient-rich material made from decomposed plant and animal materials
- E 9. any toxic, corrosive, or explosive waste
- J 10. process used for disposing of wastes involving a pond with a sealed bottom

MULTIPLE CHOICE

In the space provided, write the letter of the word or statement that best answers the question or completes the sentence.

- B 11. Solid waste includes all of the following *except*
- | | |
|------------------------|----------------|
| a. agricultural waste. | c. plastics. |
| b. methane. | d. food waste. |
- B 12. The ash produced when solid waste is incinerated is _____ than the original solid waste.
- | | |
|---------------|--------------------|
| a. less toxic | c. as toxic |
| b. more toxic | d. more recyclable |

Concept Review *continued*

- A 13. If an owner of a business illegally dumps hazardous waste, which law allows the EPA to sue the owner and force the owner to pay for the cleanup?
- a. the Superfund Act
 - b. the Incinerator Act
 - c. RCRA
 - d. the Love Canal Act
- B 14. Surface impoundment includes which physical process?
- a. decontamination
 - b. evaporation
 - c. injection
 - d. all of the above
- D 15. One disadvantage of biodegradable plastic is that
- a. it has to be blended with plant sugars in order to be useful.
 - b. it has to be left in the sun for months before it can begin to degrade.
 - c. it is toxic and useful only in industry.
 - d. the plastic parts are reduced to smaller pieces but are not completely degraded.
- B 16. Which regulation requires producers of hazardous wastes to document how their wastes are handled?
- a. the Superfund Act
 - b. the Resource Conservation and Recovery Act
 - c. the United States Environmental Protection Agency (EPA)
 - d. the Love Canal Act
- B 17. Which of the following is the most important function of a landfill?
- a. to provide leachate for other industrial processes
 - b. to contain buried waste and prevent it from contaminating the environment
 - c. to be as inexpensive as possible to build
 - d. all of the above
- B 18. Which of the following would *not* reduce the amount of municipal solid waste going to landfills?
- a. composting yard waste
 - b. eliminating recycling programs
 - c. reusing products
 - d. all of the above