

## Skills Worksheet

**Concept Review****MATCHING**

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

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

- \_\_\_\_\_ 1. any discarded solid material
- \_\_\_\_\_ 2. can be broken down by biological processes
- \_\_\_\_\_ 3. requires producers of hazardous waste to keep records of how wastes are handled
- \_\_\_\_\_ 4. place to dispose of waste by burying it
- \_\_\_\_\_ 5. water that contains dissolved chemicals from wastes that have been buried
- \_\_\_\_\_ 6. rocks and minerals left over from excavation and processing
- \_\_\_\_\_ 7. facility for burning trash
- \_\_\_\_\_ 8. nutrient-rich material made from decomposed plant and animal materials
- \_\_\_\_\_ 9. any toxic, corrosive, or explosive waste
- \_\_\_\_\_ 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.

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

**Concept Review** *continued*

---

- \_\_\_\_\_ **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
- \_\_\_\_\_ **14.** Surface impoundment includes which physical process?
- a.** decontamination
  - b.** evaporation
  - c.** injection
  - d.** all of the above
- \_\_\_\_\_ **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.
- \_\_\_\_\_ **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
- \_\_\_\_\_ **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
- \_\_\_\_\_ **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