

## **Directed Reading B (Lesson 11-1)**

### **Section: The Active River**

#### **RIVERS: AGENTS OF EROSION**

**Circle the letter** of the best answer for each question.

1. What process moves soil and sediment from one location to another?
  - a. water cycle
  - b. erosion
  - c. deposition
  - d. pollution
  
2. What can rivers, wind, rain, ice, and snow all cause?
  - a. dams
  - b. levees
  - c. alluvial fans
  - d. erosion

#### **THE WATER CYCLE**

3. What is the continuous movement of water from the ocean to the atmosphere and back again called?
  - a. water cycle
  - b. erosion
  - c. alluvial fans
  - d. levees

Directed Reading B *continued*

Read the description. Then, draw a line from the dot next to each description to the matching word.

- |  |   |                  |
|--|---|------------------|
| 4. water from oceans and Earth's surface changes to water vapor                | ● | a. evaporation   |
| 5. precipitation that flows over land into streams, rivers, and into the ocean | ● | b. percolation   |
| 6. rain, snow, sleet, or hail falls from clouds                                | ● | c. condensation  |
| 7. water vapor changes into water droplets that form clouds                    | ● | d. precipitation |
| 8. water moves downward through spaces in soil because of gravity              | ● | e. runoff        |

**RIVER SYSTEMS**

Circle the letter of the best answer for each question.

9. What is a stream that flows into a lake or larger stream called?
- a. delta
  - b. tributary
  - c. alluvial fan
  - d. floodplain

**Watersheds**

10. What is an area drained by a water system called?
- a. delta
  - b. alluvial fan
  - c. watershed
  - d. floodplain

Directed Reading B *continued*

**Circle the letter of the best answer for each question.**

11. What is the area of higher ground that separates two watersheds called?
- a. divide
  - b. delta
  - c. alluvial fan
  - d. floodplain

**STREAM EROSION**

Read the words in the box. Read the sentences. **Fill in each blank with the word or phrase that best completes the sentence.**

|          |         |           |      |
|----------|---------|-----------|------|
| gradient | channel | discharge | load |
|----------|---------|-----------|------|

12. The path a stream follows is its \_\_\_\_\_.
13. The measure of change in elevation is called the \_\_\_\_\_.
14. The amount of water a stream or river carries is its \_\_\_\_\_.
15. The materials carried by a stream are its \_\_\_\_\_.

**Load**

**Circle the letter of the best answer for each question.**

16. What kind of load is carried dissolved in water?
- a. a bed load
  - b. a dissolved load
  - c. a youthful load
  - d. a suspended load

Directed Reading B *continued*

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**Circle the letter of the best answer for each question.**

17. What are pebbles and boulders bounced along a stream bed called?
- a. a bed load
  - b. a suspended load
  - c. a youthful load
  - d. a dissolved load
18. What is a muddy looking load of soil and small rocks called?
- a. a youthful load
  - b. a dissolved load
  - c. a bed load
  - d. a suspended load