

## Directed Reading A

### Section: The Active River RIVERS: AGENTS OF EROSION

1. A process called \_\_\_\_\_ formed the Grand Canyon.
2. What happens to sediment during erosion?  
\_\_\_\_\_  
\_\_\_\_\_
3. What agents cause erosion?  
\_\_\_\_\_  
\_\_\_\_\_

#### THE WATER CYCLE

Match the correct description with the correct term. Write the letter in the space provided.

- |                                                                                                                 |                    |
|-----------------------------------------------------------------------------------------------------------------|--------------------|
| _____ 4. process in which water from the oceans and the Earth's surface changes into water vapor                | a. evaporation     |
| _____ 5. precipitation that flows over land into streams, rivers, and eventually the ocean                      | b. percolation     |
| _____ 6. rain, snow, sleet, or hail                                                                             | c. condensation    |
| _____ 7. the continuous movement of water from the ocean, to the atmosphere, to the land, and back to the ocean | d. precipitation   |
| _____ 8. process in which water vapor cools and changes into water droplets, forming clouds                     | e. runoff          |
| _____ 9. the downward movement of water through spaces in soil due to gravity                                   | f. the water cycle |

#### RIVER SYSTEMS

Write the letter of the correct answer in the space provided.

- |                                                                                       |                    |
|---------------------------------------------------------------------------------------|--------------------|
| _____ 10. A network of streams and rivers that drains an area of its runoff is called | a. a divide.       |
|                                                                                       | b. a tributary.    |
|                                                                                       | c. a water cycle.  |
|                                                                                       | d. a river system. |

## Directed Reading A continued

11. A stream that flows into a larger system or lake is a \_\_\_\_\_.
12. An area of land that is drained by a water system is called a \_\_\_\_\_ or \_\_\_\_\_.
13. An area of higher ground that separates watersheds is called a \_\_\_\_\_.
14. The Continental Divide runs through the Rocky Mountains and separates the watersheds that flow into the \_\_\_\_\_ Ocean from those that flow into the \_\_\_\_\_ Ocean.

#### STREAM EROSION

15. A path that a stream follows is a(n) \_\_\_\_\_.
16. When streams become longer and wider, they are called \_\_\_\_\_.

Match the correct definition with the correct term. Write the letter in the space provided.

- |                                                                                   |              |
|-----------------------------------------------------------------------------------|--------------|
| _____ 17. the materials carried by a stream                                       | a. discharge |
| _____ 18. the measure of the change in elevation over a certain distance          | b. load      |
| _____ 19. the amount of water a stream or river carries in a given amount of time | c. gradient  |

21. When a stream's discharge increases, what impact does it have on its erosive energy?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_