

Name

Class

Date

Skills Worksheet

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Directed Reading

Section: Cycling of Materials in Ecosystems

Read each question, and write your answer in the space provided.

- 1 What are biogeochemical cycles?
- 2 What are living and nonliving reservoirs?
- 3 What are the most important substances that pass through biogeochemical cycles?

Complete each statement by underlining the correct term or phrase in the brackets.

- 4 In a tropical rain forest, most of the water in the atmosphere comes from [evaporation / transpiration].
- 5 Water that falls to the Earth as rain or snow and seeps into the soil becomes [surface / ground] water.
- 6 In the living portion of the water cycle, water is taken up by [condensation / the roots of plants].
- 7 The process by which water evaporates from the leaves of plants is called [respiration / transpiration].

Read each question, and write your answer in the space provided.

8. How does carbon become part of organic molecules?