

Cell Biology

Name: _____

Necessities of Life

Period: _____

Use Chapter 2, Section 2 of your textbook to answer the questions below. The word banks can be used to fill out the sentences below them. A * means a two word answer.

air bubble anaerobic carbon dioxide food limited oxygen water

Section 2: The Necessities of Life (p.56)

_____ 1. Which of the following is NOT a basic need for almost every organism?
a. air b. electricity c. food d. water

Water (p.56)

2. The human body is mostly made of _____ .

_____ 3. Which of the following do cells require for metabolism?
a. water b. electricity c. carbon monoxide d. gravity

4. All organisms need the same amount of water. True or False? _____

5. About how many days can a person survive without water? _____



Air (p.56)

_____ 6. Which of the following is NOT a gas that makes up air?
a. nitrogen b. carbon dioxide c. kerosene d. oxygen

7. Oxygen helps your body get energy from _____ . *

8. What gas do plants need besides oxygen? _____

9. What gas do plants make through photosynthesis? _____

10. Organisms that can live without air are called _____ .

11. Look at Figure 1. When underwater, the spider gets its oxygen from an _____ . *



A Place to Live (p.57)

_____ 12. What do all living things must have where they live?
a. regular access to ocean water c. nitrogen and carbon monoxide
b. tall trees and bushes d. things they need to survive



13. Organisms must compete with each other because space on Earth is _____ .

turn this page over for more questions

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consumers decomposers energy producers

Food (p.57)

14. Organisms get _____ from food so they can carry out life processes.

- _____ 15. Which of the following do living things use to replace cells and build body parts?
- a. hydrogen from photosynthesis
 - b. nutrients from food
 - c. oxygen from homeostasis
 - d. DNA from cells

Making Food / Taking Food (p.57)

16. Organisms that can make their own food are called _____.

17. Organisms that eat other organisms to get food are called _____.

18. Organisms that get food by breaking down the nutrients in dead organisms are called _____.

