

Cell Biology
Necessities of Life

Name:
Period:

Use Chapter 2, Section 2 of your textbook to answer the questions below.

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 does metabolism require?
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. ocean water and algae c. nitrogen and carbon monoxide
b. tall trees and shrubs 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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Food (p.57)

- _____ 14. 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)

15. Organisms that can make their own food are called _____.
16. Organisms that eat other organisms to get food are called _____.
17. Organisms that get food by breaking down the nutrients in dead organisms are called _____.

