

Structure and Function in Living Systems

Respiration and the Respiratory System

Name:

Period:

Use Chapter 16, Section 3 to help you answer the questions below.

Section 3: The Respiratory System (p.508)

- _____ 1. Why does the body need oxygen?
- a. to get energy from food
 - b. to make its own food
 - c. to fight infection
 - d. to make more blood



Respiration and the Respiratory System

2. _____ is the process of using oxygen and releasing carbon dioxide and water.
3. _____ is the process of inhaling and exhaling.
4. the organs that take in oxygen and get rid of carbon dioxide make up the _____.

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

- _____ 5. the main passage into and out of the respiratory system
- _____ 6. the part of the throat that produces sounds
- _____ 7. the throat
- a. pharynx
 - b. nose
 - c. larynx

8. The trachea also called the _____.

- _____ 9. What goes through the trachea?
- a. blood to the heart
 - b. air to the lungs
 - c. food to the stomach
 - d. lymph to the lymph nodes

10. The _____ is a tube connecting the lungs with the trachea.

- _____ 11. What are bronchioles?
- a. smaller branches of bronchi
 - b. tiny sacs in the lungs
 - c. tubes next to the larynx
 - d. pharynx

- _____ 12. What are alveoli?
- a. smaller branches of bronchi
 - b. tiny air sacs in the lungs
 - c. tubes next to the larynx
 - d. pharynx