

# Directed Reading A

## Section: The Respiratory System

1. Your body needs oxygen in order to get \_\_\_\_\_ from the food you eat.

### RESPIRATION AND THE RESPIRATORY SYSTEM

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

- |  |                         |
|--|-------------------------|
| _____ 2. process of using oxygen and releasing carbon dioxide and water    | a. breathing            |
| _____ 3. inhalation and exhalation   | b. larynx               |
| _____ 4. area of the throat that contains the vocal chords                 | c. nose                 |
| _____ 5. group of organs that take in oxygen and get rid of carbon dioxide | d. pharynx              |
| _____ 6. main passage into and out of the respiratory system               | e. respiration          |
| _____ 7. throat  | f. respiratory system   |
| _____ 8. use of oxygen by cells to release energy stored in food           | g. alveoli              |
| _____ 9. tube guarded by the larynx  | h. bronchioles          |
| _____ 10. tube that connects the trachea to the lungs                      | i. bronchus             |
| _____ 11. smaller branches of bronchi                                      | j. cellular respiration |
| _____ 12. tiny sacs at the ends of the bronchioles                         | k. trachea              |

**Directed Reading A *continued***

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**BREATHING**

13. List the two kinds of muscle involved with breathing.

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14. When you inhale, the \_\_\_\_\_ contracts.

15. When the diaphragm contracts, the \_\_\_\_\_ contract and lift the rib cage.

**BREATHING AND CELLULAR RESPIRATION**

16. When you inhale, you take in \_\_\_\_\_.

17. Oxygen diffuses into \_\_\_\_\_.

18. When the oxygen is carried to cells, it is used to release \_\_\_\_\_.

19. Cellular respiration produces water and \_\_\_\_\_.

**RESPIRATORY DISORDERS**

\_\_\_\_\_ 20. What may trigger asthma?  
a. blood cells  
b. dust or pollen  
c. antigens  
d. SARS

\_\_\_\_\_ 21. What causes SARS?  
a. dust or pollen  
b. a virus  
c. bacteria  
d. asthma