

Name \_\_\_\_\_

Date \_\_\_\_\_

# What Are the Circulatory and Respiratory Systems?

**Main Idea** The respiratory system brings oxygen into the body and removes wastes. The circulatory system carries oxygen to the cells and carries away wastes.

Fill in the blanks with words from the box below.

diaphragm

artery

circulatory system

vein

lungs

respiratory system

atrium

heart

capillary

1. Organs that work together to take air into the body and push it back out make up the respiratory system.
2. In the chest, the trachea divides into two tubes that enter the lungs, the main organs of the respiratory system.
3. The diaphragm is a dome-shaped muscle that helps you to breathe.
4. The circulatory system transports oxygen, nutrients, water, and wastes.
5. The heart is a muscular pump that pushes the blood through the blood vessels.
6. A(n) artery is a blood vessel that carries blood away from the heart to capillaries.
7. A(n) capillary is a tiny blood vessel that connects arteries and veins.
8. A(n) vein carries blood with little oxygen back to the heart.
9. The two upper chambers of the heart, called the left and right atrium, receive blood from the veins.

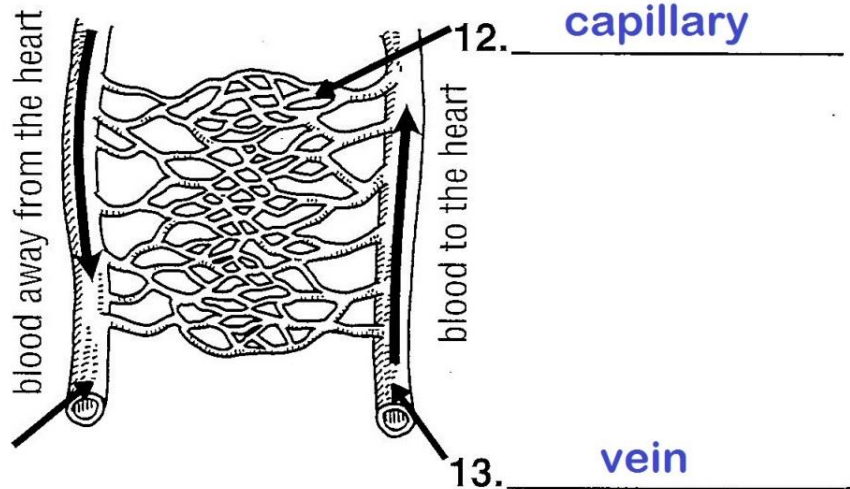
# What Are the Circulatory and Respiratory Systems?

Write *true* if the statement is true and *false* if the statement is false.

true 10. The air you breathe in moves into the diaphragm and enters the lungs.

false 11. Blood brings **oxygen** carbon dioxide to the cells and takes away oxygen.

Label the diagram below using the terms *artery*, *capillary*, and *vein*.



Underline the term in parentheses that correctly completes each statement.

15. (White, Red) blood cells pick up and carry oxygen from the lungs.

16. The (heart, lung) is a muscular pump that works all the time.

17. The chambers of the heart, called (atriums, ventricles), pump blood out of the heart into the arteries.

18. Oxygen-poor blood from the body enters the heart from the (left atrium, right atrium).