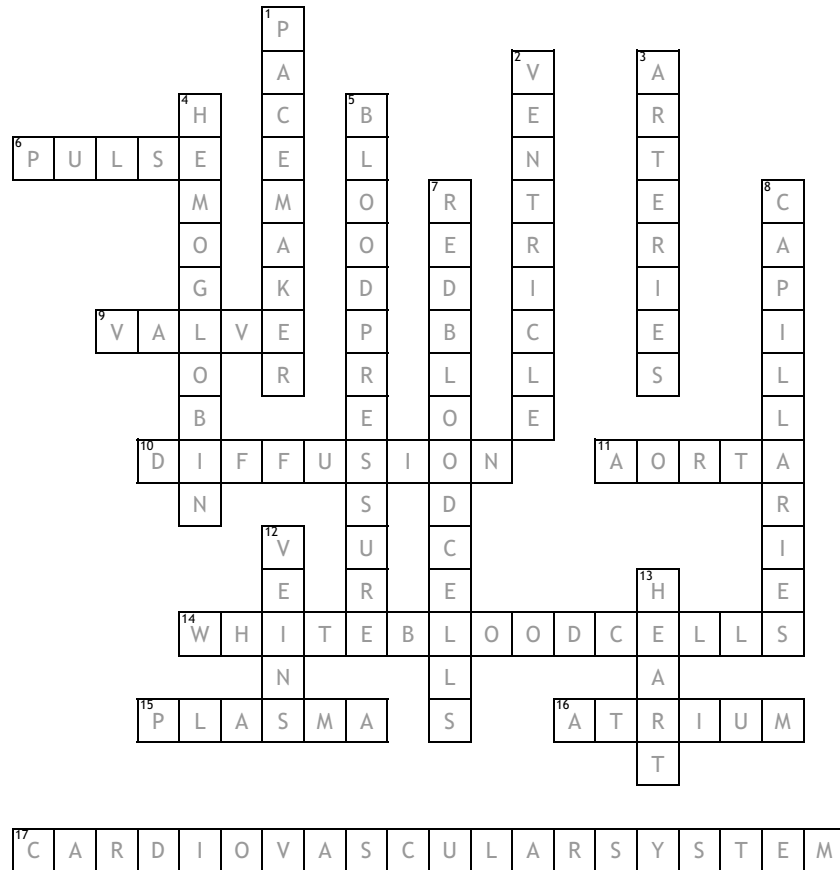


# Circulatory System



**Across**

- 6. the alternating expansion and relaxation of the artery walls
- 9. a flap of tissue that prevents blood from flowing backward
- 10. the process by which molecules move from an area of higher concentration to an area of lower concentration
- 11. largest artery in the body
- 14. the body's disease fighters
- 15. the liquid part of blood
- 16. (singular) upper chambers of the heart
- 17. consists of the heart, blood vessels, and blood

**Down**

- 1. a group of heart cells that sends out signals that make the heart muscle contract
- 2. (singular) lower chambers of the heart
- 3. blood vessels that carry blood away from the heart
- 4. iron-containing protein that binds chemically to oxygen molecules
- 5. a force exerted by blood against the walls of blood vessels
- 7. take up oxygen in the blood and deliver it to cells elsewhere in the body
- 8. place where substances are exchanged between the blood and body cells
- 12. bloodvessles that carry blood back to the heart
- 13. hollow, muscular organ that pumps blood throughout the body