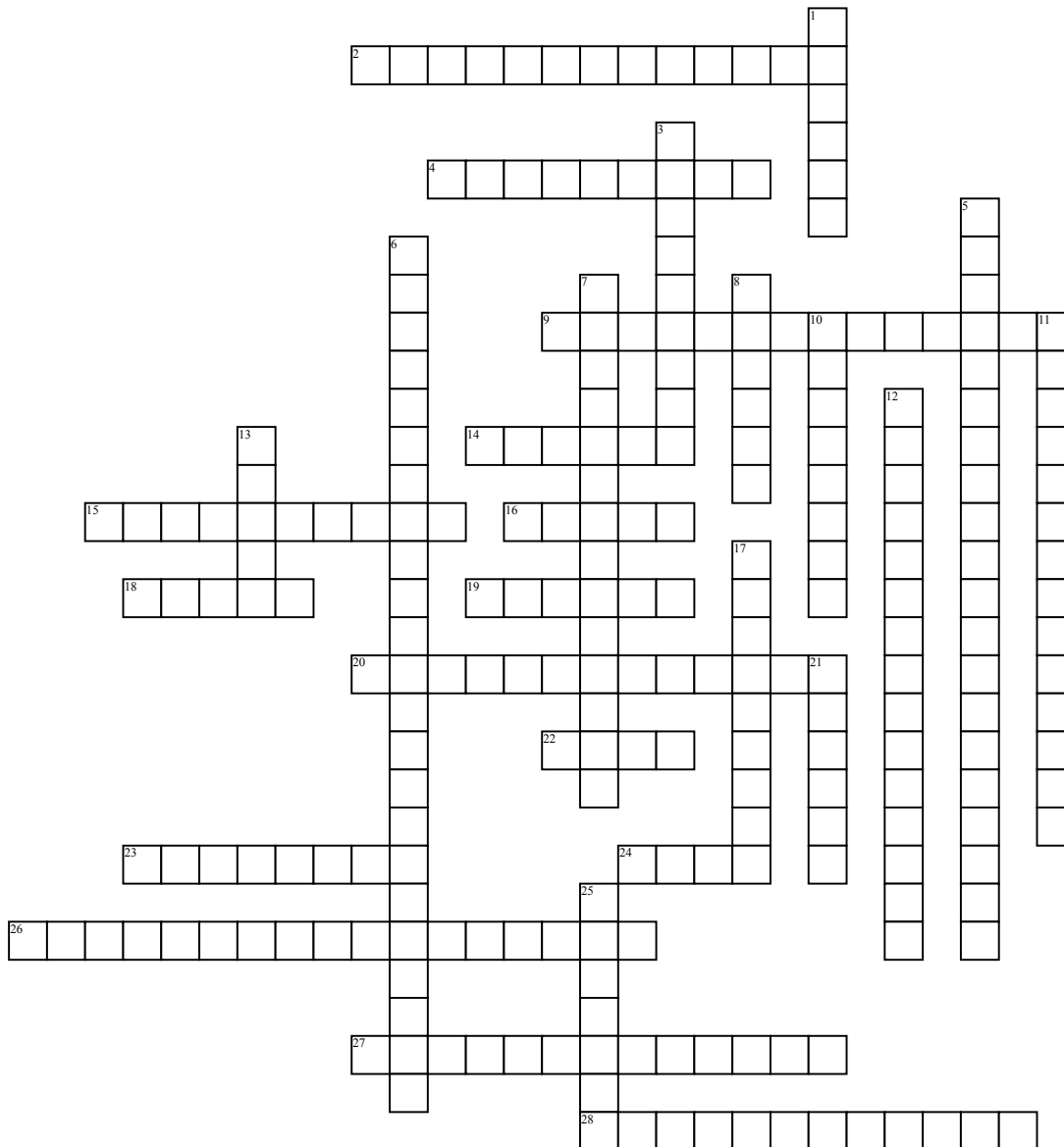


Muscular System, Skeletal System, and Cardiovascular System Vocabulary



Across

2. The muscle tissue of the heart.
 4. Firm, whitish, flexible connective tissue.
 9. The framework of the body that protects and supports the body tissues and internal organs.
 14. The blood vessel that carries blood away from the heart.
 15. A cylindrical bundle of nerve fibers and associated tissue which is enclosed in the spine and connects nearly all parts of the body and brain.
 16. A hollow muscular organ that pumps the blood through the circulatory system by rhythmic contraction and dilation.
 18. A structure in the human or animal body at which two parts of the skeleton are fitted together.
 19. Yellowish colored liquid component of blood that holds blood cells.
 20. A network of nerve cells and fibers which transmit nerve impulses between parts of the body.
 22. Blood vessels that carry blood back to the heart.

23. A thing or event that evokes a specific functional reaction in an organ or tissue.

24. Any of the pieces of hard whitish tissue that make up the skeleton in humans and other vertebrates.

26. The system that circulates blood and lymph through the body.

27. The cells that transport oxygen and carbon dioxide to and from the tissues.

28. Muscle tissue in which the contractile fibrils are not highly ordered occurring in the gut and other internal organs and not under voluntary control.

Down

1. A flexible but inelastic cord of strong fibrous collagen tissue that attaches a muscle to body.
 3. Fine branching blood vessels that form a network between the arterioles and venules.
 5. The complex of nerve tissues that control the activities of the body. It is comprised of the brain and spinal cord.
 6. The nervous system outside of the brain and spinal cord.

7. A muscle which is connected to the skeleton to form part of the mechanical system which moves the limbs and other parts of the body.

8. Two of the four main hollow chambers in the heart that are located in the bottom of the heart.

10. A short band of tough, flexible connective tissue that connects two bones or cartilages or hold together a joint.

11. The bodily system that is composed of skeletal, smooth, and cardiac muscle tissue and functions in the movement of the body.

12. Blood cells that counteracts foreign substances and diseases.

13. An organ of soft nervous tissue contained in the skull and vertebrates, and functions as the coordination center of sensation and intellectual and nervous activity.

17. Two of the four main hollow chambers in the heart that are located in the bottom of the heart.

21. A soft fatty substance in the cavities of bones, in which blood cells are produced.

25. A specialized cell that transmits nerve impulses.