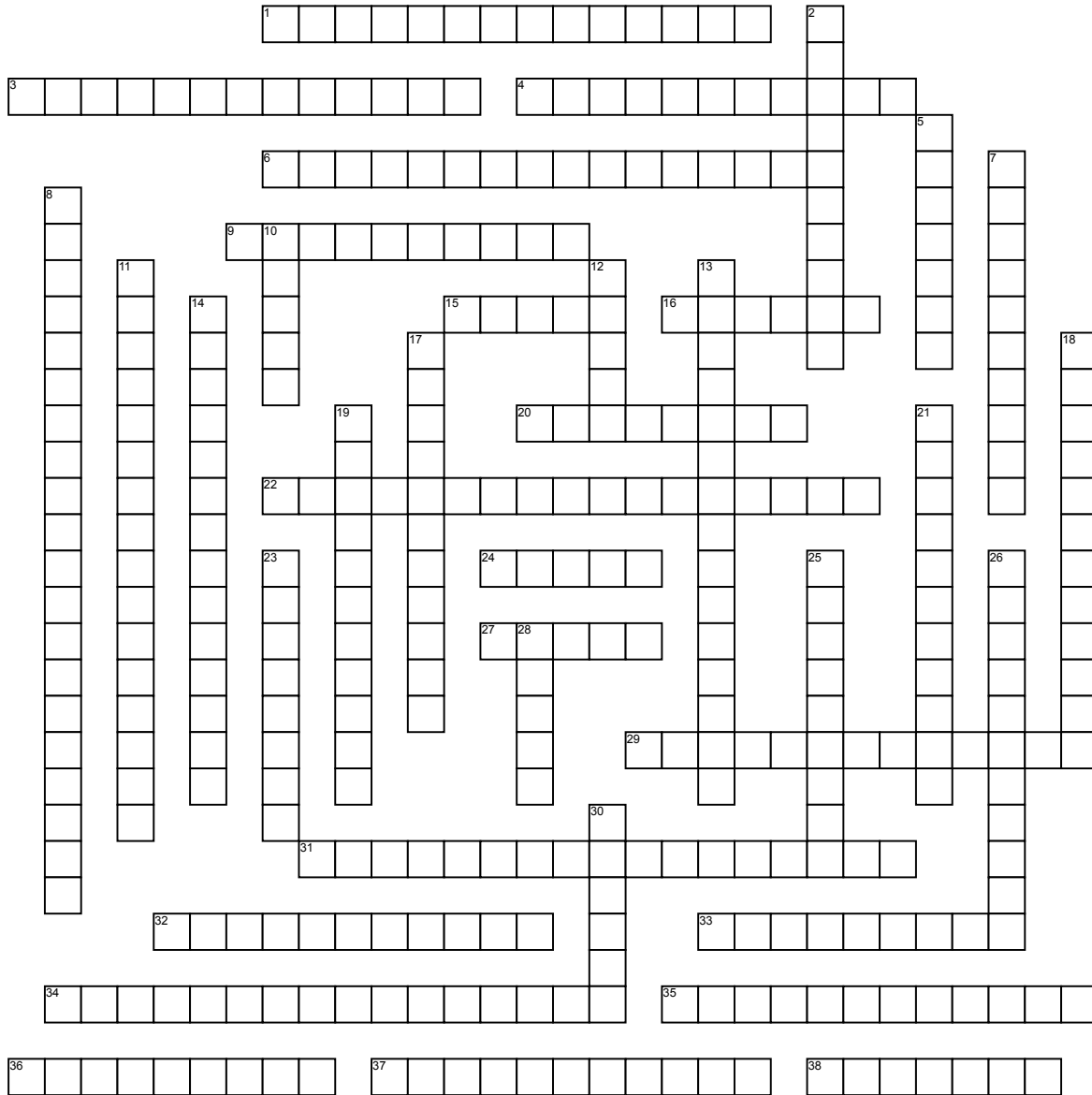


Cardiovascular System



Across

- 1. Takes blood from the lungs to the left atrium
- 3. Takes blood to the kidneys
- 4. Medical instrument used in listening to sounds produced within the body, chiefly in the heart or lungs
- 6. Is one of two large veins which transport blood from the rest of the body into the right atrium
- 9. Outer layer of the heart
- 15. A muscular pumping device
- 16. A groove or furrow, especially one on the surface of the brain
- 20. Refers to the filling phase of the cardiac cycle. Occurs when heart muscle relaxes
- 22. Is the potential space formed between the two layers of pericardium around the heart
- 24. Vessels that convey blood towards the heart
- 27. Main artery of the body carrying blood from the left ventricle of the heart to all the main arteries
- 29. A special type of muscle which makes up the wall of the heart
- 31. A recording of the electrical activity of the heart

- 32. A fibrous covering which wraps around the whole heart
- 33. Refers to two lower chamber of the heart
- 34. Provides blood supply to the heart itself
- 35. An opening in the septum between the two atria of the heart that is normally present only in the fetus
- 36. Connects an arteriole to a venule to form a network of blood vessels
- 37. A state of balance among all the body systems needed for the body to survive and function correctly.
- 38. Refers to abnormal heart sounds

Down

- 2. Middle layer of the heart
- 5. Refers to a pumping phase of the cardiac cycle. Occurs when heart muscle contract
- 7. Layer of cells closely bound to one another to form continuous sheets covering surfaces that may come into contact with foreign substances
- 8. Sometimes called the circulatory system
- 10. Rhythmic vibration of an artery generated by the opening and closing of the aortic valve in the heart

- 11. Is one of two large veins that take the blood from the rest of the body into the right atrium
- 12. Refers to the two top chamber of the heart
- 13. Is a major blood vessel of the human body
- 14. The large artery which the right ventricle pumps into
- 17. The inner layer of the heart
- 18. Refers to a sequence of events that occurs in one complete beat of the heart
- 19. The flow of blood through the heart and blood vessels
- 21. The anatomic region located between the lungs that contain all the principal tissues and organs of the chest except the lungs
- 23. Vessels that convey blood away from the heart
- 25. Generates an electrical impulse which spreads over the atria, making them contract
- 26. Refers to a type of valve found at the base of the aorta
- 28. Composed of cells integrated into tissues serving a common function
- 30. The "doors" between the chambers of the heart