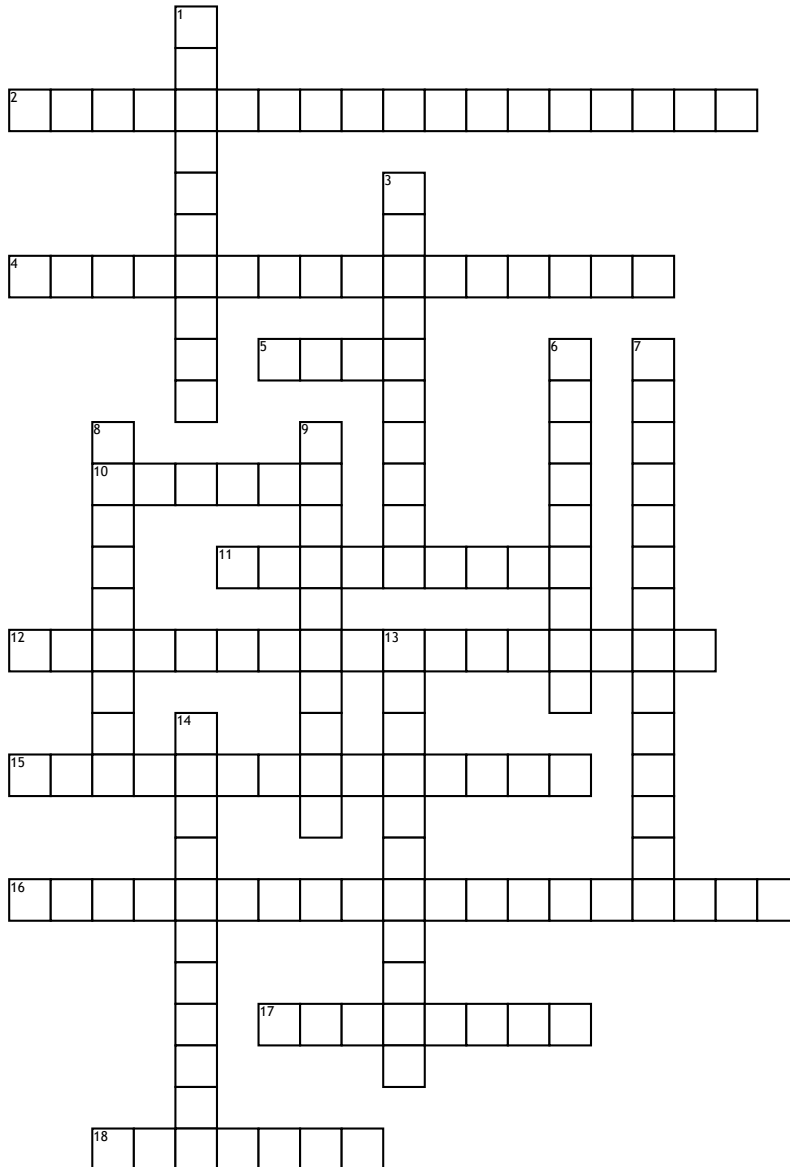


Cardiovascular



Across

2. The _____ valve prevents blood from flowing back into the right ventricle
4. Cord like structure that attach the cusps of the heart valves to the papillary muscles in the ventricles
5. The _____ heart valves keep blood flowing in one direction
10. The _____ receives the impulse started by the SA node
11. A high concentration of _____ ions in the blood causes arrhythmia
12. The blood pressure measured when the heart relaxes

15. The endocardium contains the _____ and other parts of the cardiac electrical conduction system
16. The collection of veins carrying blood to the liver
17. The _____ valve is located between the left atrium and left ventricle
18. Major artery located on the inner thigh

Down

1. The _____ is the thickest layer of the heart and is made primarily of cardiac muscles
3. The bundle of his is located between the _____ of the heart

6. The epicardium, which contains fat to cushion the heart, is the _____ layer
7. The _____ carry the electrical impulse to the purkinje fibers
8. The SA node is the primary _____ of the heart
9. Blood pressure is greatest in the arteries when the _____ ventricles contract
13. The _____ covers the heart and the large blood vessels attached to it
14. The SA node is located in the wall of the _____