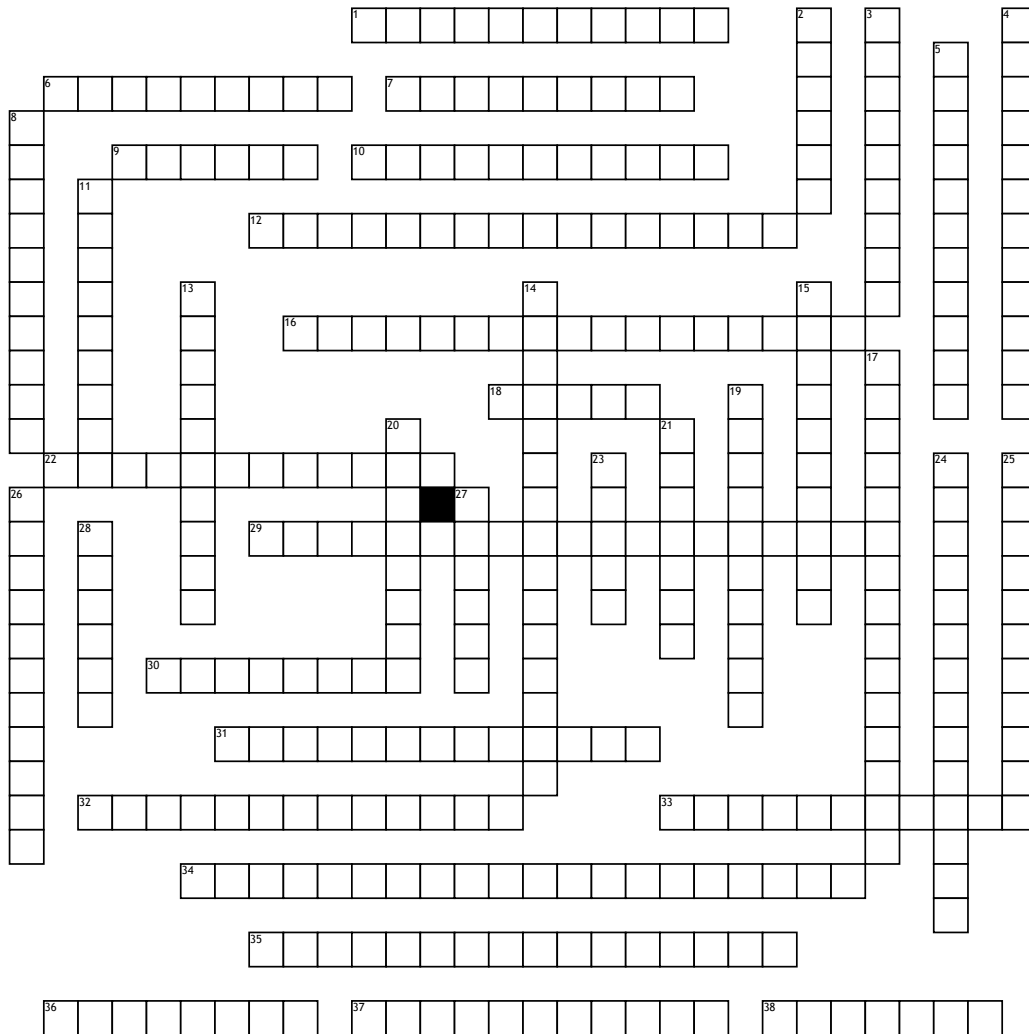


Circulatory System and muscles



Across

1. they connect the smallest arteries to the smallest veins
6. a pulsation of the heart, including one complete systole and diastole.
7. valve between the right ventricle and the pulmonary artery.
9. the dividing wall between the right and left sides of the heart.
10. also known as myocardial infarction or MI - happens when the blood supply to part of your heart muscle becomes completely blocked.
12. A large vein that receives blood from the head, neck, upper extremities, and thorax and delivers it to the right atrium of the heart.
16. network consisting of blood, blood vessels, and the heart. This network supplies tissues in the body with oxygen and other nutrients, transports hormones, and removes unnecessary waste products.
18. carry deoxygenated blood back to the heart
22. If the heart's pumping action can't work effectively, your heart muscle can't meet your body's demand for blood and oxygen, and your body develops various different symptoms, like fatigue and shortness of breath.
29. carries blood from the heart to all the other parts of the body and back again.
30. Blood clot in the vein

31. left lower chamber
32. a vein carrying oxygenated blood from the lungs to the left atrium of the heart.
33. lines the inside of the heart and protects the valves and chambers.
34. a short loop from the heart to the lungs and back again.
35. A large vein that receives blood from the lower extremities, pelvis and abdomen and delivers it to the right atrium of the heart.
36. second phase of the heartbeat when the atrioventricular valves open and the ventricles relax.
37. When the heart beat too slowly
38. first phase of the heartbeat when the ventricles contract and pump blood into the aorta and pulmonary artery

Down

2. pain or discomfort in your chest, arm, neck, stomach or jaw that happens when the blood supply to your heart becomes restricted because of your arteries becoming narrowed
3. valve between the right atrium and right ventricle.
4. problem with the valves
5. Lining that surrounds the heart
8. protective layer mostly made of connective tissue.
11. is a small area of tissue in the wall of the right atrium.

13. If the electrical signals within your heart are interrupted or disturbed, your heart can beat too quickly, too slowly and/or in an irregular way
14. Hardening of the arteries due to build-up of plaque in the walls of the arteries
15. left upper chamber
17. the artery carrying blood from the right ventricle of the heart to the lungs for oxygenation.
19. the muscles of the heart.
20. carry oxygenated blood from the heart to the rest of the body.
21. Smaller veins that collect blood from the capillaries & return it to the larger veins
23. the large artery leaving the heart that carries blood to other parts of the body.
24. right lower chamber
25. right upper chamber
26. When the heart beat too quickly
27. valve located between the left atrium and the left ventricle.
28. valve between the left ventricle and the aorta.

Word Bank

left ventricle	Systole	mitral	Pulmonary artery	Superior vena cava	arrhythmia
Diastole	Septum	Veins	Endocardium	Heartbeat	Aorta
Atherosclerosis	pulmonary vein	tachycardia	valve disease	sinus node	pulmonary
epicardium	Inferior vena cava	Systemic circulation	heart failure	heart attack	Circulatory system
Pulmonary circulation	Angina	aortic	Right atrium	Myocardium	Thrombus
capillaries	Bradycardia	Venules	Arteries	pericardium	Tricuspid
Right ventricle	left atrium				