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The Heart

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| **Across****4.** the artery carrying blood from the right ventricle of the heart to the lungs.**5.** thickest of the heart's chambers.**6.** vein that carries blood from the lower body. **7.** left upper chamber of heart.**12.** highest part of the heart.**14.** valve that lies between left ventricle and the aorta.**15.** main artery of the body.**16.** device that controls passage of blood.**17.** blood vessel between veins and arteries.**19.** group of cells that have the same function.**20.** oxygen infused.**21.** valve that lies between right ventricle and pulmonary artery.**23.** exerts inhibitory actions on certain neurons and thereby reduces the transmission of nerve impulses.**25.** umps the blood up through the pulmonary valve and through the pulmonary artery to the lungs.**26.** portion of cardiovascular system that returns oxygenated blood to the left atrium and left ventricle of the heart. | **Down****1.** vein that carries blood from the head, arms, and upper body.**2.** seperates two chambers.**3.** also known as the atrioventricular valve. **8.** body system containing the heart and the blood vessels.**9.** right upper chamber of heart.**10.** also known as the bicuspid valve.**11.** oxygen depleted.**13.** smallest unit of life.**18.** vein carrying oxygenated blood from the lungs to the left atrium of the heart.**22.** blood vessel that carries blood away from the heart.**24.** blood vessel that carries blood back to heart. |