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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. |