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CARDIOVASCULAR SYSTEM

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| **Across**  **3.** Vein on heart's posterior that empties into the right atrium  **5.** valve between right atrium and right ventricle  **6.** phase of cardiac cycle when the heart chamber walls contracts  **7.** lower chambers of the heart  **9.** sound made during ventricular contraction  **13.** small branches off arteries  **15.** Series of events that constitutes a complete heartbeat  **17.** vessel that transports blood away from the heart  **19.** smallest blood vessel | **Down**  **1.** restriction of blood vessel diameter  **2.** wall dividing the right side of the heart from the left  **4.** Outermost layer covering the heart  **8.** Heart wall layer that corresponds to the visceral pericardium  **10.** muscle that extends inward from ventricular walls of the heart  **11.** valve separating the left ventricle from the aorta  **12.** pacemaker of the heart  **14.** recording of the electrical activity associated with a heartbeat  **16.** inferior portion of the heart  **18.** parasympathetic nerve that "brakes" the heart rate |