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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Pulmonary circulation

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| **Across****1.** They carry oxygenated blood from the lungs to the heart**7.** It receives deoxygenated blood from the body to the lungs.**8.** Valve found between thd left atrium and left ventricle.**9.** This is the valve found between the right ventricle and **10.** It carries deoxygenated blood from the heart into the lungs for oxygenation. | **Down****2.** Where does gaseous exchange takes place in the lungs**3.** Pumonary artery devides into small veins called what?**4.** Main organs in pulmonary circulation are heart, arteries, veins and what?**5.** Main artery from the heart to the rest of the body**6.** How many chambers does the heart have? |

   Aorta       Lungs       Pulmonary vein       Right atrium       Pulmonary artery       Four       Capillaries       Mitral valve        Arterioles       Tricuspid