

HUMAN CIRCULATORY SYSTEM

Name _____

Starting from and ending with the right atrium, trace the flow of blood through the heart and body by numbering the following in the correct order.

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|----------------------------|--------------------------|
| <u>1 (11)</u> right atrium | <u>4</u> lungs |
| <u>6</u> left atrium | <u>2</u> right ventricle |
| <u>3</u> pulmonary artery | <u>7</u> left ventricle |
| <u>10</u> vena cava | <u>9</u> body cells |
| <u>8</u> aorta | <u>5</u> pulmonary veins |

Starting from and ending with the heart, trace the blood flow through the human circulatory system by numbering the following in the correct order.

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|---------------------|----------------------|
| <u>1 (7)</u> heart | <u>4</u> capillaries |
| <u>6</u> veins | <u>2</u> arteries |
| <u>3</u> arterioles | <u>5</u> venules |

What term best fits each of the following descriptions?

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|---|----------------------------|
| 1. vessels which carry blood away from the heart | <u>arteries</u> |
| 2. vessels which carry blood toward the heart | <u>veins</u> |
| 3. tiny blood vessels with walls that are only one cell thick | <u>capillaries</u> |
| 4. thick wall that divides the heart into two sides | <u>septum</u> |
| 5. upper chambers of the heart that receive blood | <u>atria</u> |
| 6. lower chambers of the heart that pump blood out of the heart | <u>ventricles</u> |
| 7. valve between right atrium and right ventricle | <u>R. atrioventricular</u> |
| 8. valve between left atrium and left ventricle | <u>L. "</u> |
| 9. valves found between the ventricles and blood vessels | <u>semilunar</u> |
| 10. membrane around the heart | <u>pericardium</u> |
| 11. the only artery in the body rich in carbon dioxide | <u>pulmonary artery</u> |
| 12. the only vein in the body rich in oxygen | <u>pulmonary vein</u> |