

ระบบไหลเวียนโลหิต - ระบายสี A & P

The Circulatory System sends blood carrying oxygen and nutrients to supply the tissues all around the body, and also to carry away carbon dioxide and waste. How will you color this circulatory system in?

Can you match the bodily functions in boxes below with its organ or tissue?

Pumps blood around the body

Puts oxygen into the blood and disposes of CO_2

Adjusts the blood pressure to feed its need for oxygen

Carries blood away from the heart

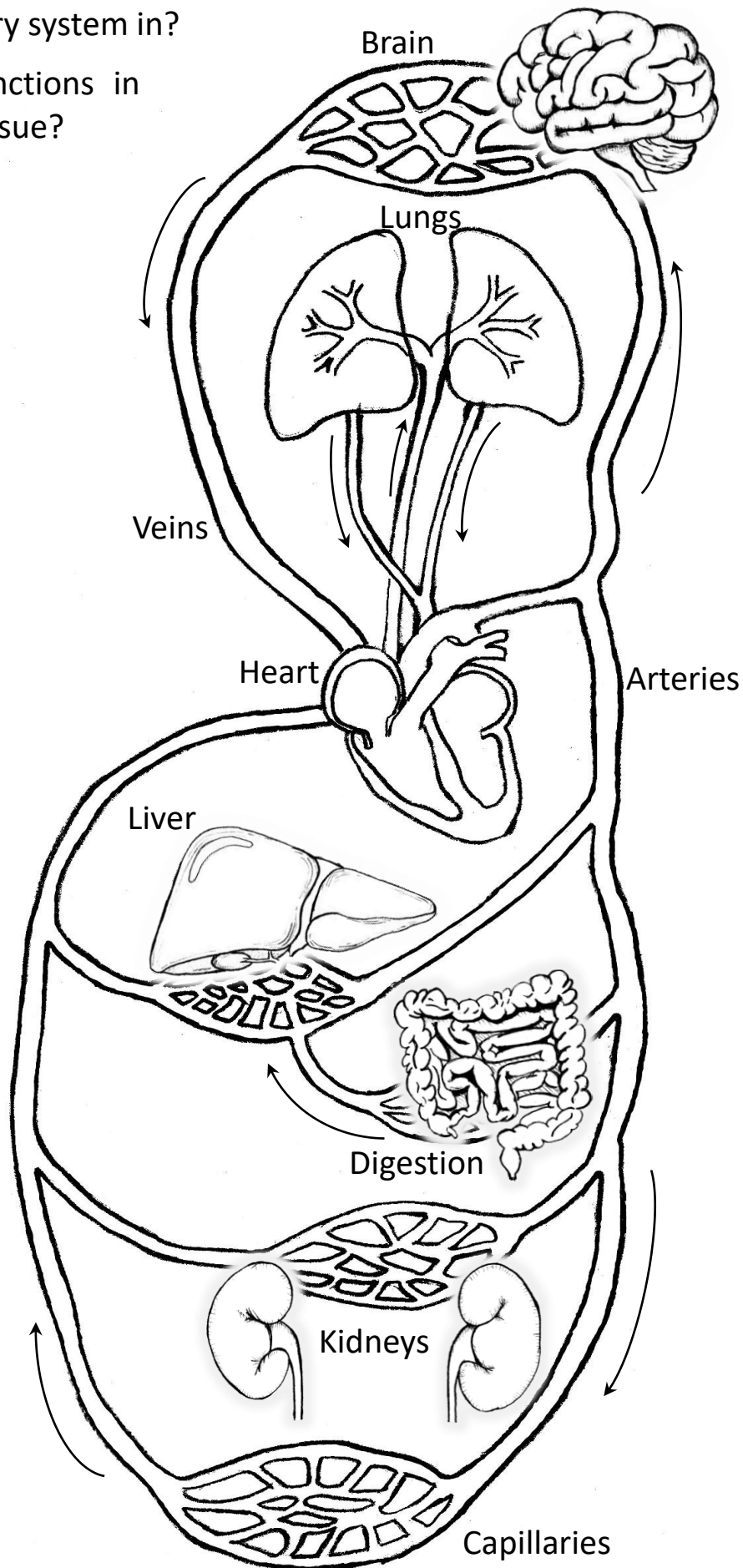
Carries blood to the heart

Puts nutrients into the blood

Processes nutrients, enzymes, vitamins, and minerals in the blood

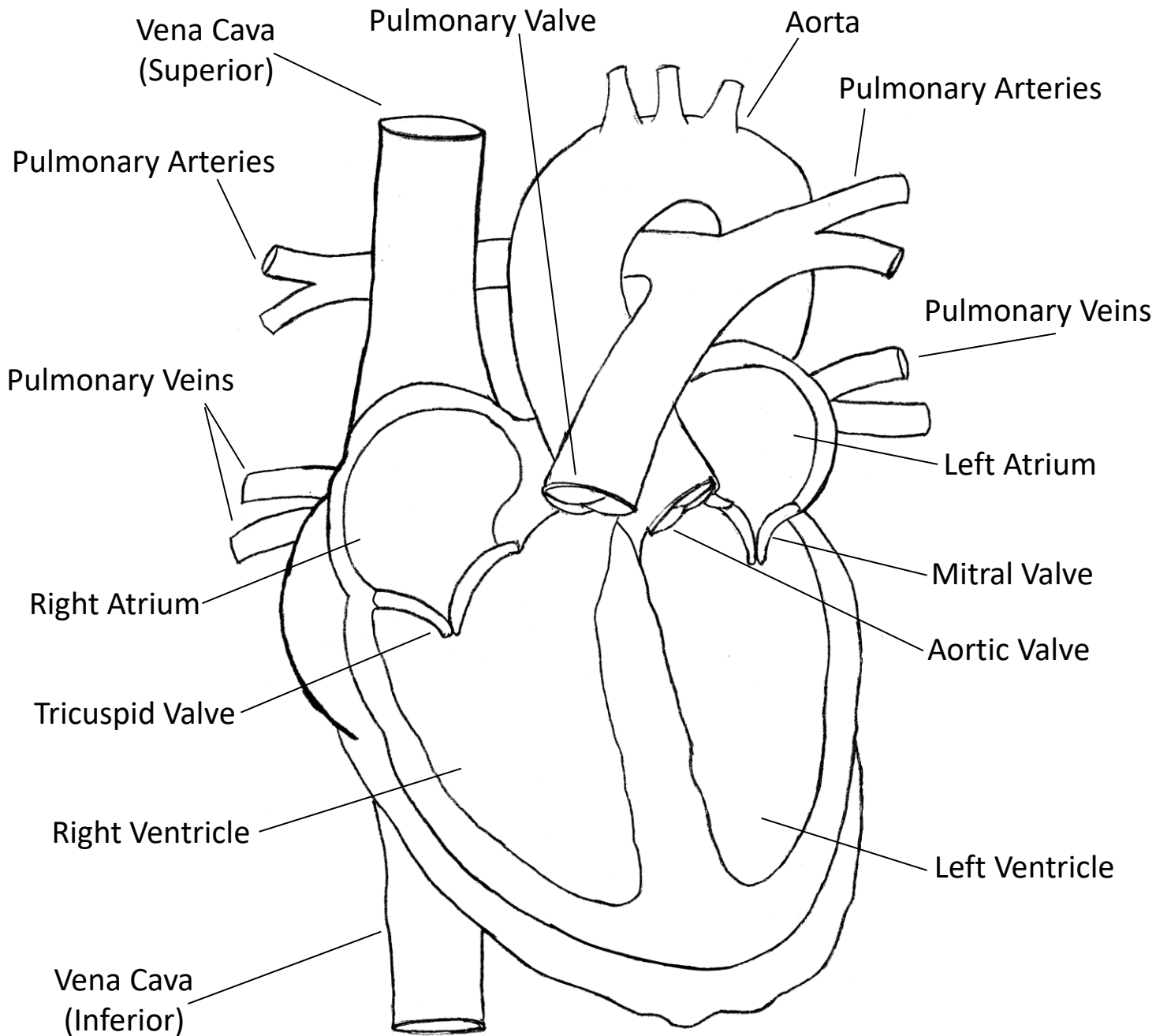
Carries blood through tissues and organs

Filters waste out of the blood



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The heart, or cardiac muscle, pumps blood around the circulatory system.
How will you color in the different parts of the heart?



Can you draw arrows showing the direction of blood flow through the different parts of the heart?

Step 1. Along the Vena Cava to the heart
Step 2. Into the Right Atrium
Step 3. Through the Tricuspid Valve into the Right Ventricle
Step 4. Out the Pulmonary Valve to the lungs

Step 5. Back from the lungs along the Pulmonary Veins
Step 6. Into the Left Atrium
Step 7. Through the Mitral Valve into the Left Ventricle
Step 8. Out the Aortic Valve to the cells in the body