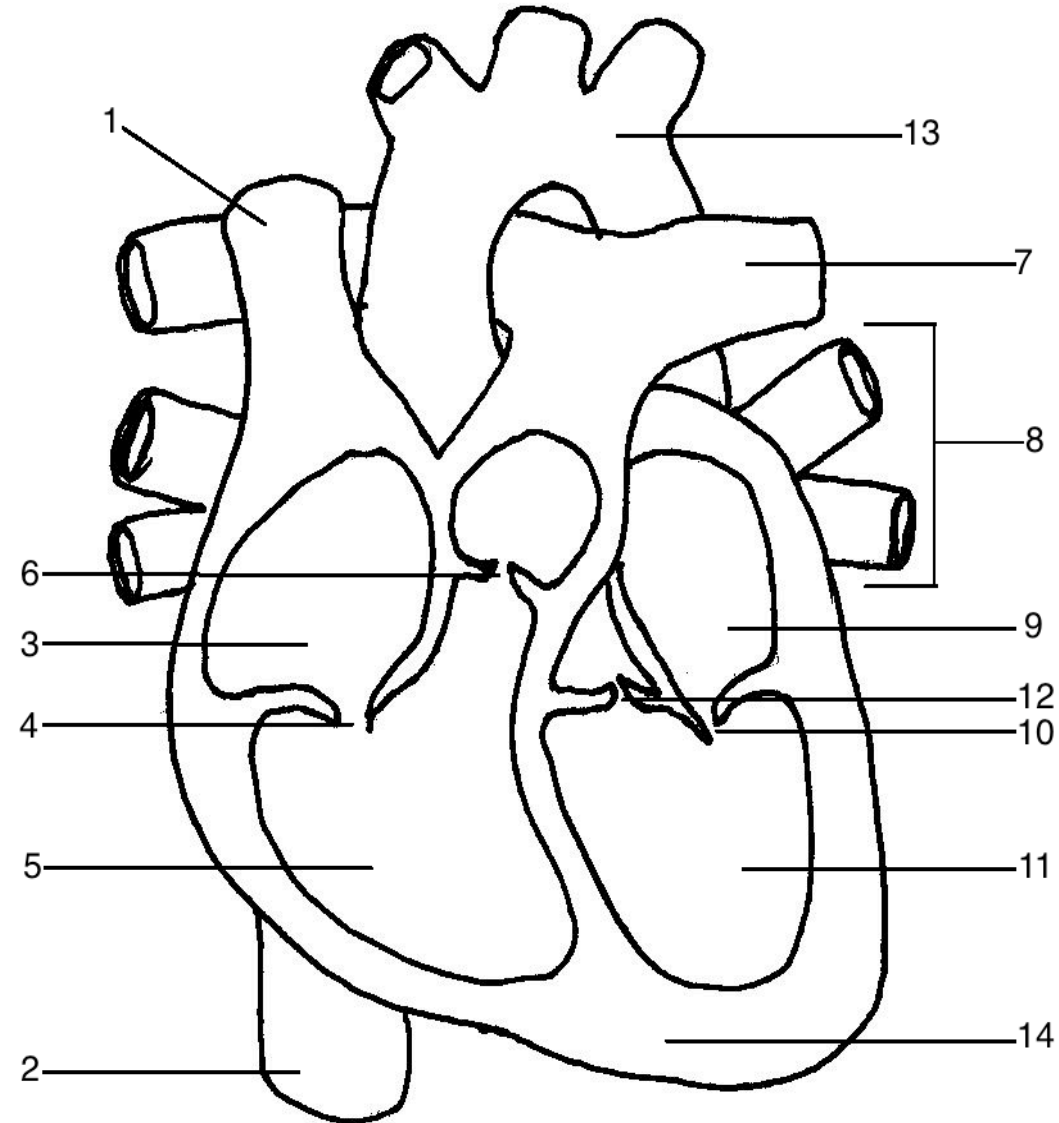


(I) Label the diagram & describe the function of each part. (ii) Lightly shade the sections blue that transport blood carrying carbon dioxide to the lungs. (III) Lightly shade the sections red that carry blood with a fresh supply of oxygen from the lungs to the body. (IV) Draw arrows on the heart diagram to show the path blood takes on its journey through the heart.



right atrium
right ventricle

pulmonary artery
superior vena cava

tricuspid AV valve
mitral valve (left AV valve)

left atrium
left ventricle

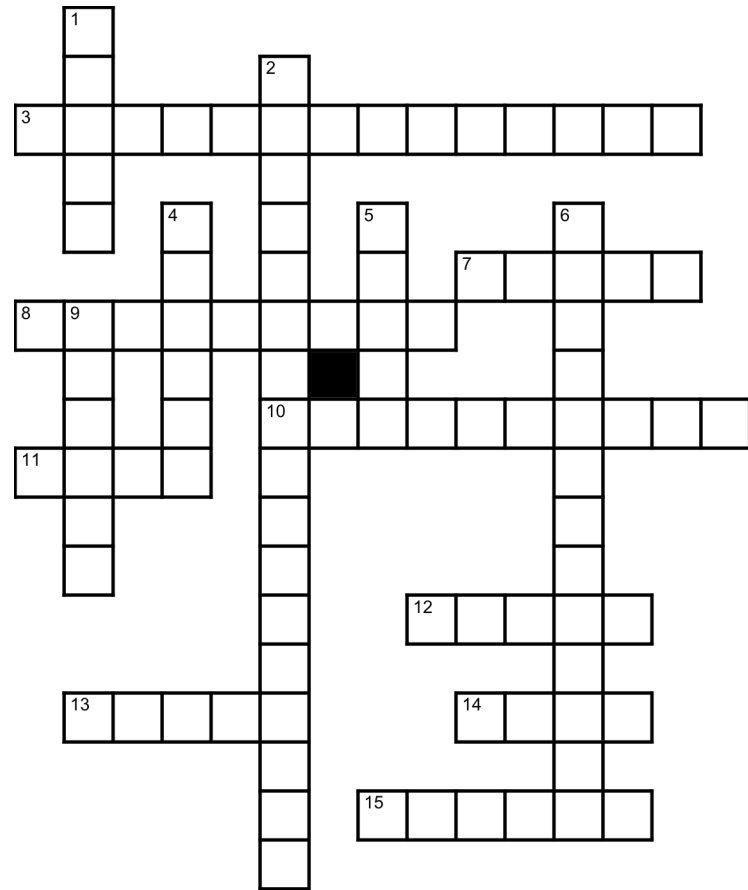
pulmonary vein
inferior vena cava

right/pulmonary semilunar valve
aortic valve (left semilunar valve)

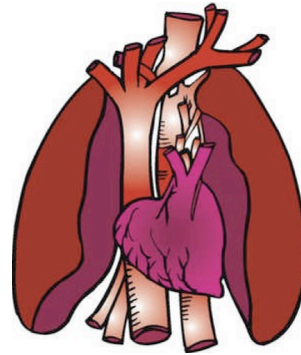
septum
aorta



The Circulatory System



Find the circulatory system words below in the grid to the left.



Across

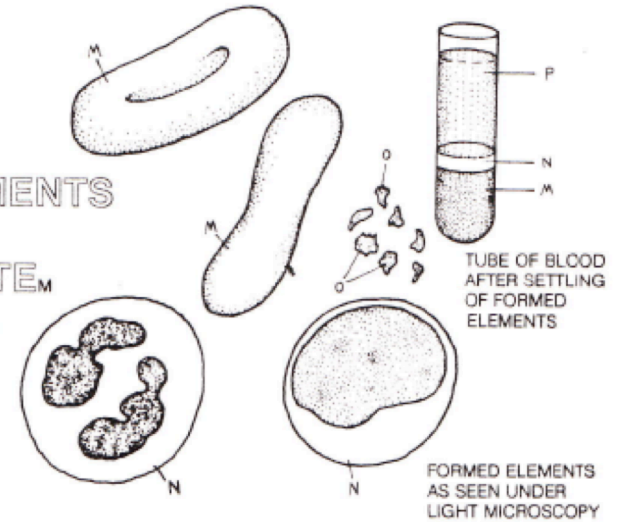
3. The place where nutrients enter the blood.
7. The pump in the circulatory system.
8. A small vessel that connects veins and arteries.
10. The circulatory system _____ nutrients, gases, liquids, and heat around the body.
11. The circulatory system transports this, which helps regulate temperature.
12. The liquid in the circulatory system.
13. The place where oxygen enters the blood and carbon dioxide leaves the blood.
14. A vessel that moves blood to the heart.
15. A gas that is transported in arteries from the lungs to the rest of the body via the heart.

Down

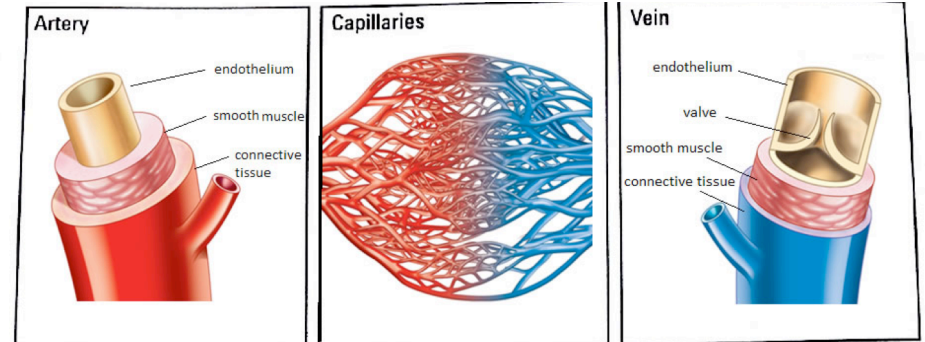
1. The heart _____ blood.
2. The heart, blood, and vessels.
4. Blood in arteries is _____ red because it is rich in oxygen.
5. The largest artery in the body.
6. A waste gas that is transported in veins from the body to the lungs via the heart.
9. A vessel that moves blood away from the heart.

Blood

FORMED ELEMENTS
OF BLOOD.
ERYTHROCYTE_M
LEUKOCYTE_N
PLATELETS.
PLASMA_P



Blood Vessels



1. Arteries:

2. Capillaries:

3. Veins:

1. What is the function of the circulatory system?
2. What are the three major components of the circulatory system?