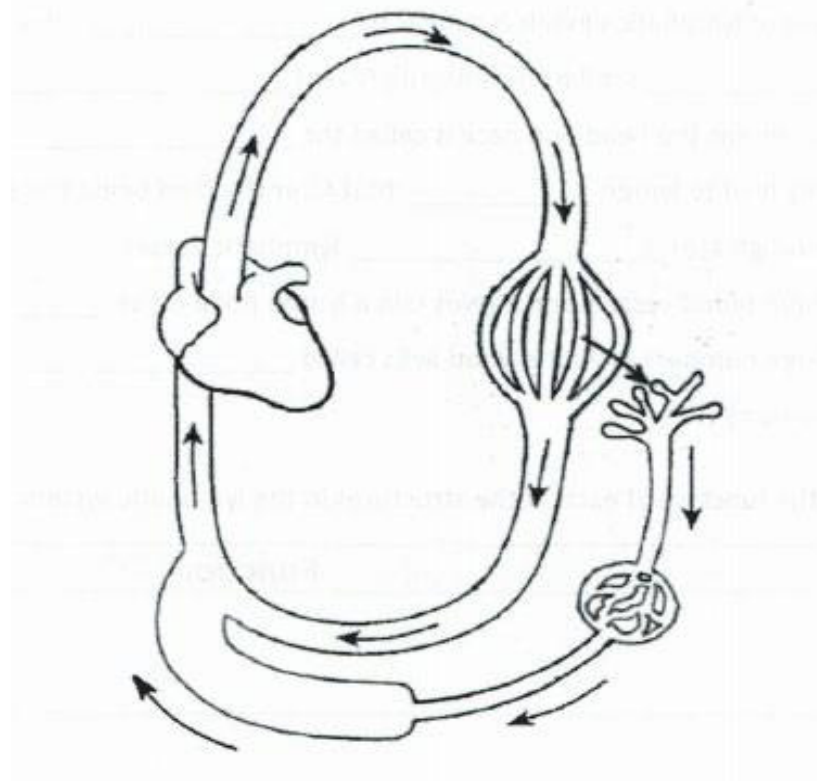


The Lymphatic System Worksheet

Using the list to the right, label the parts of the lymphatic and circulatory system on the diagram below.



- Artery
- Blood Capillary
- Vein
- Heart
- Lymphatic Capillary
- Lymphatic Duct
- Lymph Node
- Lymphatic Vessel

On the diagram above, color the following structures:

1. Color the arteries red.
2. Color the veins blue.
3. Color half the capillary bed red and the other half blue.
4. Color the lymphatic capillaries, lymph node, lymphatic vessels, and lymph duct green.

Fill in the Blank

1. Lymphatic pathways begin as _____ that merge to form lymphatic vessels.
2. Once tissue fluid is inside a lymphatic capillary the fluid is called _____.
3. The structure of the walls of lymphatic vessels is similar to _____, but thinner.
4. Lymphatic vessels also have _____, similar to veins, to prevent _____.
5. Lymphatic vessels usually lead to lymph _____ that filter the fluid being transported.
6. Lymph nodes contain large numbers of white blood cells called _____ and macrophages that fight invading microorganisms.

In the table below, summarize the function of each of the structures in the lymphatic system.

Structure	Function
Red Bone Marrow	
Thymus	
Spleen	
Lymph Nodes	

Short Answer

7. List the structures tissue fluid would pass through starting in the tissue and moving all the way to the veins (cardiovascular system). Include all the different parts of the lymphatic system discussed in the notes.