

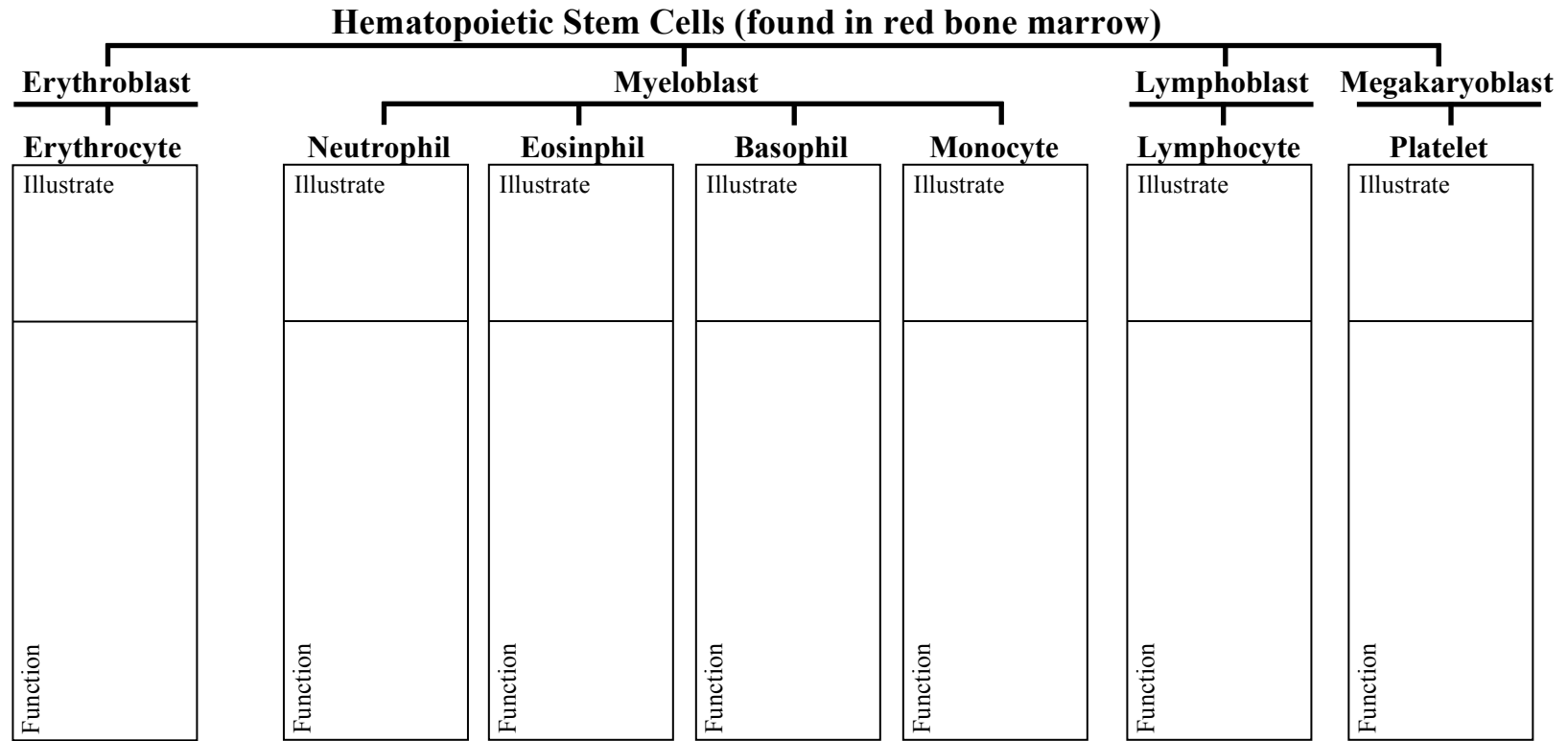
Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_  
BIO3, Section: \_\_\_\_\_

Date: \_\_\_\_\_

### Assignment 13 - Cardiovascular System

#### **What are the components of blood?**

**Instructions:** Illustrate and list the function(s) of each of the formed elements below.



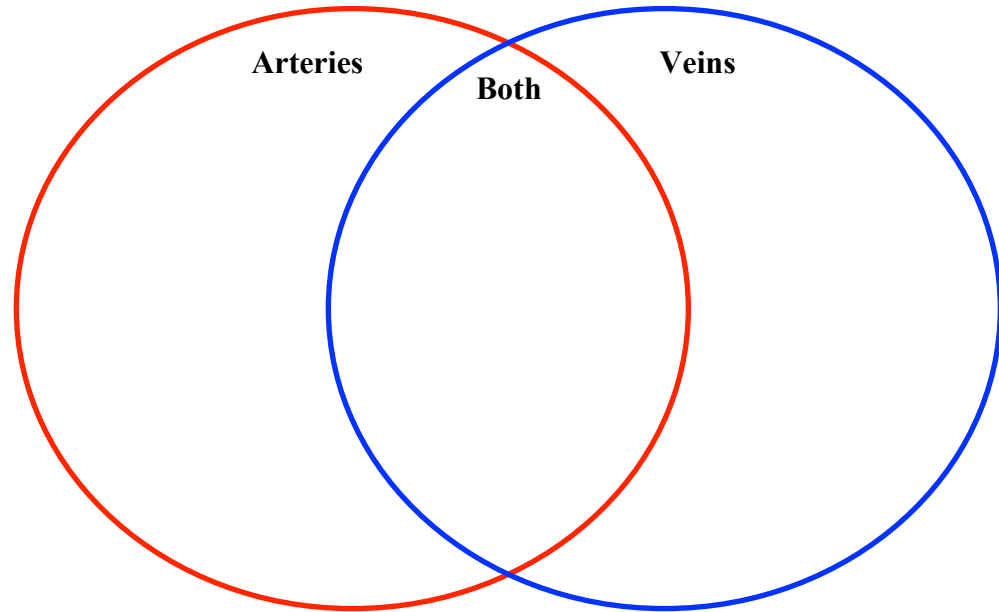
What is blood plasma, and why is it important?

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**Instructions:** Create a diagram of the structure of blood vessels in the human body. Be sure to include the following labels: artery, arteriole, venule, vein, valve, blood flow, endothelium, smooth muscle, and connective tissue. Use the Venn diagram to compare and contrast the structural and functional characteristics of arteries and veins.

**Create a diagram of arteries and veins.**



Comprehend the distinguishing features of arteries and veins by explaining how they are different.

Do arteries carry blood toward or away from the heart?

Do veins carry blood toward or away from the heart?