

Name: _____

Test Date: _____

Circulatory System Study Guide

Vocabulary Words: Using index cards or homemade index cards, put the vocab word on one side, and the definition on the other side. You are responsible for knowing these words and their definitions.

Atria	Ventricles	Blood	Platelets
Plasma	White Blood Cells	Red Blood Cells	Arteries
Veins	Heart	Circulation	

Matching: Draw a line to match the term with the matching statement.

White Blood Cells

Red Blood Cells

Plasma

Platelets

Atria

Ventricles

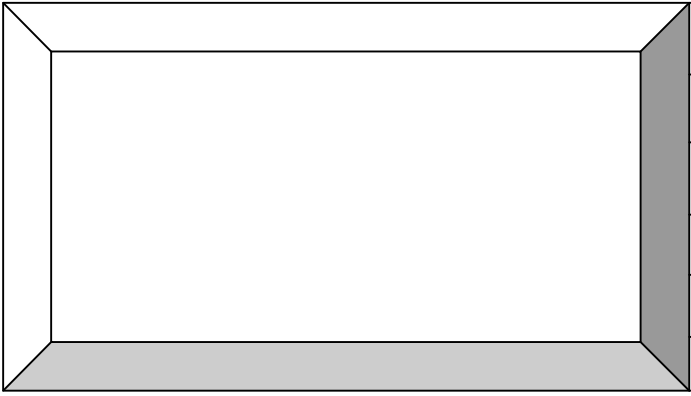
Blood Vessels

Arteries


Veins

- A. Part of blood that carries oxygen throughout your body.
- B. Part of blood that helps stop bleeding.
- C. Bottom chambers of the heart.
- D. Blood vessels that carry blood away from the heart.
- E. Part of blood that fights infections.
- F. Blood vessels that carry blood back to the heart.
- G. Part of blood that carries nutrients, proteins and hormones throughout the body.
- H. Tubes known as arteries and veins that are attached to the heart.
- I. Top chambers of the heart.

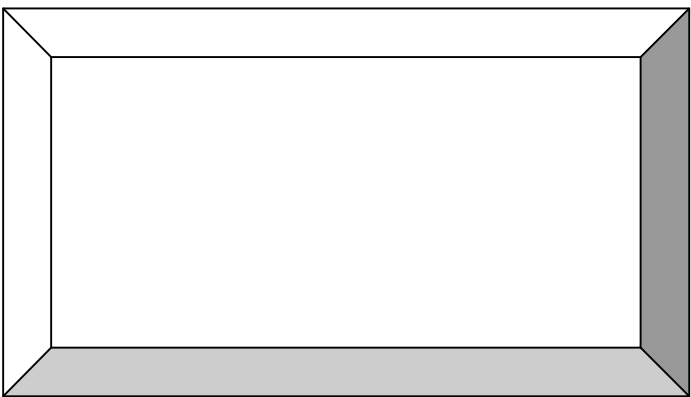
What do the different chambers of the heart do? Draw a picture in the box, and use words to explain.



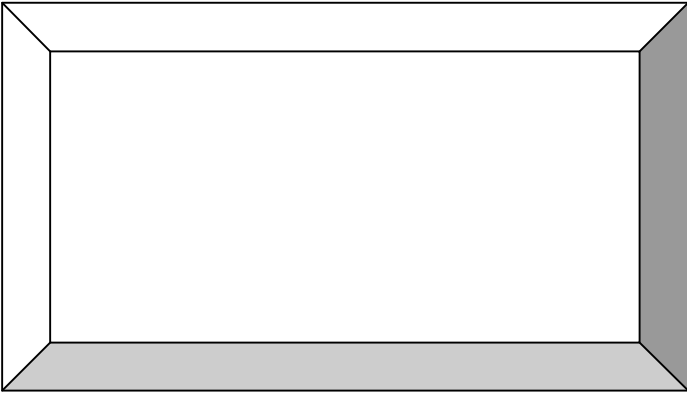
What is the purpose of red blood cells? Draw a picture in the box, and use words to explain.



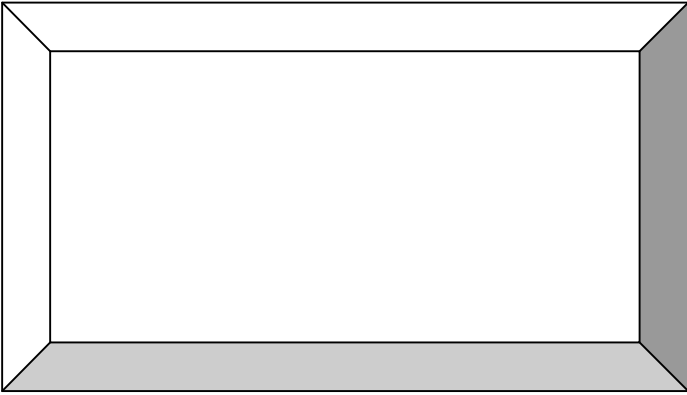
What is the purpose of white blood cells? Draw a picture in the box, and use words to explain.



What is the purpose of plasma? Draw a picture in the box, and use words to explain.



What is the purpose of platelets? Draw a picture in the box, and use words to explain.



Fill in the Blank with the appropriate word or words:

1. The heart acts like a _____.
2. The heart is actually a _____.
3. The heart sends _____ to every part of your body.
4. _____ carries nutrients and oxygen to the body.
5. _____ is also carried away from the body because of blood.
6. The heart muscle _____ or squeezes so it can squirt out blood.
7. The movement of blood throughout the body is called _____.
8. _____ of the blood circulated goes to the kidneys.
9. The kidneys are responsible for filtering out _____ before blood goes back to the heart.
10. On average, people have _____ of blood in their bodies.

11. The normal sized heart will match a person's _____ size.
12. Blood is composed of _____ ingredients.
13. The heart is located on the _____ side of a person's chest.
14. The heart has _____ chambers.

Why are doctors concerned with letting cancer patients go home immediately following chemotherapy and or radiation therapy?

Describe what the left and right side of the heart does.
