

Structure and Function in Living Things

Brainpop - Blood

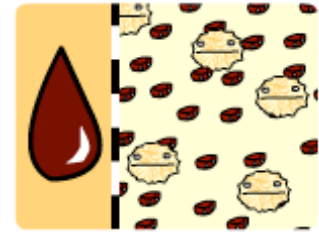
Name:

Period:

Watch the Brainpop on blood, then answer the questions below. You can also use Chapter 16, Section 2.

Match the definition with the term.

- | | |
|-------------------------|---|
| _____ bone marrow | a. blood cells that eat invaders |
| _____ oxygen | b. helps your body form clots |
| _____ red blood cells | c. found inside our bones and makes blood |
| _____ white blood cells | d. largest component of blood, a clear yellowish liquid |
| _____ platelets | e. blood picks this up in lungs |
| _____ blood plasma | f. donut-shaped cells that carry gases |



- | | |
|--|---|
| _____ 1. What kind of cells attack invading germs?
a. red blood cells
b. white blood cells
c. yellow blood cells | _____ 6. Which cells help blood to harden, or clot?
a. platelets
b. red blood cells
c. white blood cells |
| _____ 2. What are red blood cells shaped like?
a. oranges
b. spaghetti
c. doughnuts | _____ 7. Where do red blood cells get the oxygen they deliver to cells and tissues?
a. in the heart
b. in the brain
c. in the lungs |
| _____ 3. How does a red blood cell attach oxygen to itself?
a. with plasma
b. with hemoglobin
c. with magnetism | _____ 8. How do white blood cells destroy germs?
a. by forcing them out of the bloodstream
b. they surround and eat them
c. they keep them from getting food |
| _____ 4. How much blood is in your body?
a. about 3 pints
b. about 10 pints
c. about 50 pints | _____ 9. What is the biggest single component of blood?
a. red blood cells
b. white blood cells
c. blood plasma |
| _____ 5. Why do doctors need people to donate blood?
a. it is needed for operations and surgeries
b. they are required to make monthly deposits at the blood bank
c. they want to study your blood to see if it's healthy | _____ 10. What is the biggest amount of blood you can normally donate at one time?
a. half a pint
b. one pint
c. three pints |