14.2 Blo	ood and Lymph	Date	
	· -	First	period
1.	Interpret the diagram: 4 (Components of Blood	
	a. What are the 4 comp	onents of blood?	
	b. What happens to bloo	od if you put it in a test tube?	
	c. What percentage of b	blood is plasma? What percen	ntage is blood cells?%
2.	What are 4 things found		
3.	What are 3 groups of pla		
4.	Describe red blood cells		
		ein is produced by red blood and CO_2 ?	cells and enables the cell to pick
	b. What happens to the CO ₂ ?		oglobin attaches to oxygen? To
	c. What is the average l	ife span of a red blood cell?	
	d. Where are red blood	cells produced?	

5.	Describe white blood cells			
	a. What is the function of white blood cells?			
	b. What is an approximate ratio between the amount of white blood cells (WBCs) and the amount of red blood cells (RBCs)?			
	c. Which can outlive the other? WBCs or RBCs?			
6.	What are three types of white blood cells?			
7.	What are platelets?			
	a are cell that stick together to form clots when the body gets cut.			
	b. What plasma proteins create a fibrous n et that catch and hold cells to stop bleeding?			
8.	What was the Austrian physician Carl Landsteiner's discovery?			
9.	Blood Types			
	a. What are the 4 blood types?			
	b. How are blood types determined ?			

10.	Interpret the table. What are markers and clumpers?
	 a. Unique proteins that are found in the cell membrane of every red blood cell that identify the type of blood are called b. Plasma proteins that cause blood cells to clump up when the wrong kind of blood mixes with it are called
	c. What type of marker do persons with type A blood have on their red blood cells?
	d. What type of clumping proteins do persons with type A have?
	e. What blood types can a person with type A blood receive safely in a transfusion?
11.	What would happen to the blood of a person with type A if they received type B blood?
12.	Which blood type can receive any type blood?
13.	Which blood type can be a safe donor to anyone?
14.	What is the lymphatic system ?
15.	What is lymph?
16.	What are ly mph nodes and what is their function?

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