

Chapter 14.2 Scavenger Hunt. (7th)

Date _____

Last Name _____, First _____ per _____

Pre- read chapter 14.2, starting on page 563 and find the answers to the scavenger hunt clues.

1. What is the **title** of chapter 14.2? _____
2. List the 9 **key terms** in section 14.2 page 563

a. _____	f. _____
b. _____	g. _____
c. _____	h. _____
d. _____	i. _____
e. _____	
3. **California Standards Focus -3 Green Keys**
 - a. Complete the three standards focus questions.
 - i. What are the _____ of _____?
 - ii. What determines the _____ of _____ that a person can receive in a transfusion?
 - iii. What are the _____ and _____ of the _____ system?
4. **Lab Zone Standards Warm up on page 563**
 - a. What tool will you need in this investigation? _____
 - b. What will you be looking at? _____
 - c. What will you be drawing? _____
5. **Define the highlighted word on page 563**
 - a. plasma _____

6. **Green Key page 563**
 - a. The bolded sentence explains that there are 4 components of blood. What are those components?
 - i. _____
 - ii. _____
 - iii. _____
 - iv. _____
7. **Define the Highlighted words on pages 564 and 565**
 - a. Red blood cells _____

 - b. Hemoglobin _____

 - c. White blood cells _____

8. **Figure 9 “Parts of Blood”**
- Describe the shape of a red blood cell. _____
 - How much water is in plasma? _____
 - What gives plasma its yellow color? _____
 - Which kind of cell carries oxygen throughout the body? _____
 - What kind of cell does your body contain the most of? _____
 - What is the function of white blood cells? _____
 - What part of blood helps you stop bleeding when you get a cut? _____
 - Are platelets whole cells? _____
9. **Lab Zone Skills Activity page 564**
- How would everyday physical activity affect a person with anemia? _____
10. **Define the Highlighted words on pages 566**
- platelets _____
 - shock _____
11. **A Green Key page 567**
- What kind of molecules are found on red blood cells, which determine a person’s blood type? _____
12. **Figure 10 “Formation of a Blood Clot”**
- What does a blood clot consist of? _____
 - What is the yellow colored material in the photograph? _____
13. **Lab Zone Try This Activity “Caught in the Web” page 566**
- What will you be modeling? _____
 - Make a list of the materials you will need.

i. _____	iv. _____
ii. _____	v. _____
iii. _____	
 - What do the paperclips and coins represent? _____
 - What does the cheesecloth represent? _____
14. **Figure 11 “Blood Types and Their Markers”**
- How many blood types are shown in the table? _____
 - What are the blood types? _____, _____, _____, and _____
 - What kind of marker molecule is on the red blood cells of a person with type A blood? _____
 - What kind of clumping protein is on the red blood cells of a person with type A blood? _____
 - What kind of marker molecule is on the red blood cells of a person with type B blood? _____
 - What kind of clumping protein is on the red blood cells of a person with type B blood? _____
 - What kind of marker molecule is on the red blood cells of a person with type AB blood? _____
 - What kind of clumping protein is on the red blood cells of a person with type AB blood? _____
 - Does a Type O blood cell have any marker molecules? _____

- j. What type of clumping proteins does a person with type O blood have? _____
- k. What blood types can a person with type A blood safely receive? _____
- l. What blood types can a person with type B blood safely receive? _____
- m. What blood types can a person with type AB blood safely receive? _____
- n. What blood types can a person with type O blood safely receive? _____
- 15. Figure 12 “Blood Types in the Population”**
- a. Which is the most common blood type found in the United States? _____
- b. What is the rarest blood type in the United States? _____
- c. What percentage of the population is Rh negative? _____
- 16. Define the **highlighted words on page 568 and 569****
- a. Lymphatic System _____
- _____
- b. Lymph _____
- _____
- c. Lymph Nodes _____
- _____
- 17. Green Key page 568**
- a. The lymphatic system is a network of vein like vessels that return what to the bloodstream? _____
- _____
- 18. Figure 13 “The Lymphatic System”**
- a. What two structures, (shown in green) are on the picture?
- i. _____
- ii. _____

Now go back and read the chapter carefully. Then complete the workbook section 14.2 and see if you can answer the questions in the section 14.2 assessment.