Worksheet: Reviewing Concepts  
CHAPTER 30: RESPIRATORY AND CIRCULATORY SYSTEMS

**Directions:** Answer the following questions using your notes and textbook (Chapter 30: pages 909-937).

1. What is the main function(s) of each of the following organ systems?
   - Circulatory system-
   - Respiratory system-
   - Lymphatic system-

2. Describe how the exchange of oxygen and carbon dioxide take place in the lungs (discuss what happens at a cellular level)

3. Name the three types of blood vessels and describe the differences between them.

4. Describe how the structures of the heart make it an efficient pump.
5. Name and describe what is happening in the two main **pathways** of **blood circulation**.

6. Why do they say that your **lifestyle** greatly influences your **cardiovascular health**?

7. Describe the main **components** of **blood** and the **function** of each component.

8.