

Name \_\_\_\_\_ Date \_\_\_\_\_ Period \_\_\_\_\_

# 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.