

CHAPTER 39 RESPIRATION, CIRCULATION, AND EXCRETION**Get the Big Picture**

Read the paragraphs in the boxes. Then answer the questions.

The **respiratory** system, the **circulatory** system, and the **urinary** system are very important for maintaining homeostasis—your body’s constant internal environment.

The **respiratory** system breathes in oxygen and takes it into the body. It also breathes out waste carbon dioxide.

The **circulatory** system delivers oxygen from the respiratory system and nutrients from digestion to your body’s tissues. It also picks up waste products, such as carbon dioxide, from tissues and carries them out of the body. Carbon dioxide goes out through the respiratory system, other wastes exit through the urinary system.

Finally, the **urinary** system removes waste products from your blood through the kidneys—two small, but powerful, filters.

1. Which two systems carry carbon dioxide out of the body? _____

2. Which two systems carry the waste products out of the body? _____

3. Which two gases does your respiratory system breathe in and breathe out? _____

4. Which system delivers nutrients throughout your body? _____
5. What do the three main systems of your body maintain? _____