Name _____ Class _____ Date _____

13–1 What are the parts of the heart?

Lesson Review

Part A *Match each term in* ***Column B*** *with its description in* ***Column A****. Write the correct letter in the space provided.*

Column A	Column B
____ 1. upper chambers of the heart	a. ventricles
____ 2. pumps blood out of the heart	b. atria
____ 3. separates the left and right sides of the heart	c. valve
____ 4. tissues that acts as a one-way door	d. septum
____ 5. instrument used to listen to the heart	e. heartbeat
____ 6. rhythm of pumping blood	f. stethoscope

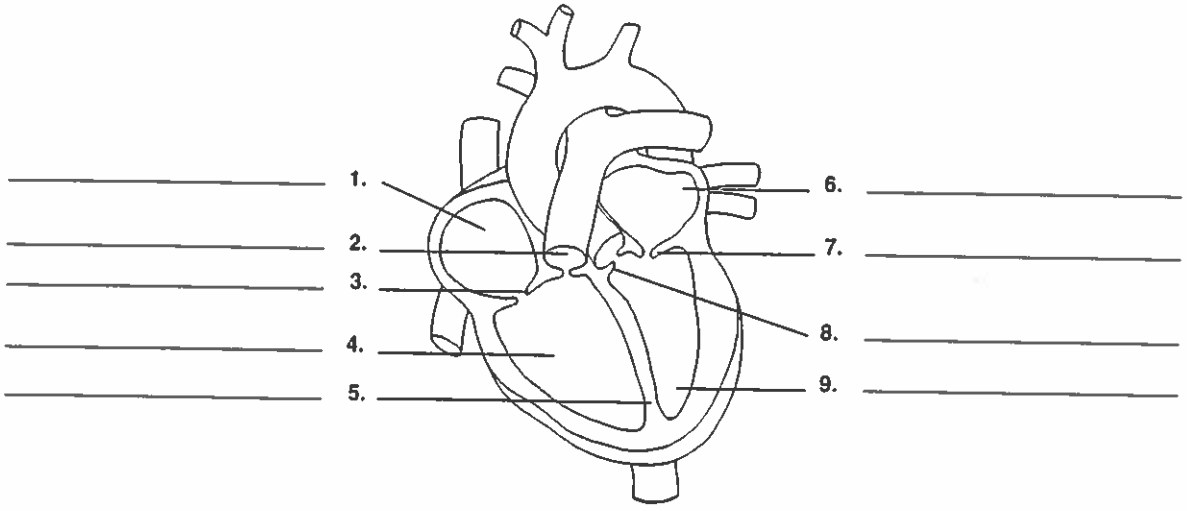
Part B *Answer the following.*

1. Where does blood flow into the heart? _____
2. When do the atria contract? _____
3. What structures keep blood from flowing from the ventricles to the atria? _____
4. When do the ventricles contract? _____
5. What structures keep blood in the blood vessels from flowing back to the ventricles? _____

Skill Challenge

Skills: *identifying, labeling, researching*

In the spaces provided, label the following parts of the heart: ***right atrium, tricuspid valve, right ventricle, left atrium, left ventricle, pulmonary*** *(or semilunar)* ***valve, mitral valve, aortic valve, septum.*** *Use library resources for help if necessary.*



Name _____ Class _____ Date _____

13–2 What are blood vessels?

Lesson Review

Part A *Answer the following.*

1. What are blood vessels? _____
2. How many kinds of blood vessels are there? _____
3. What are arteries? _____
4. What are veins? _____
5. What kind of blood vessels connect arteries to veins? _____

Part B *Match each blood vessel to its description. Write the correct letter in the space provided.*

_____ 1. have thick muscular walls

_____ 2. tiny vessels through which substances are exchanged with cells

_____ 3. contain valves to keep blood from flowing backwards

a. capillaries

b. veins

c. arteries

Skill Challenge

Skills: *comparing, classifying*

Decide if each characteristic in the table describes an artery, a vein, or a capillary. Place a plus (+) beneath the heading if the blood vessel has the characteristic. Place a minus (–) beneath the heading if the blood vessel does not have the characteristic.

Table 1 Characteristics of Blood Vessels

Characteristic	Arteries	Veins	Capillaries
1. thick, muscular walls			
2. thin walls			
3. some have valves			
4. pumps blood at high pressure			
5. walls are one cell thick			
6. changes substances with cells			
7. pulse is felt in these			