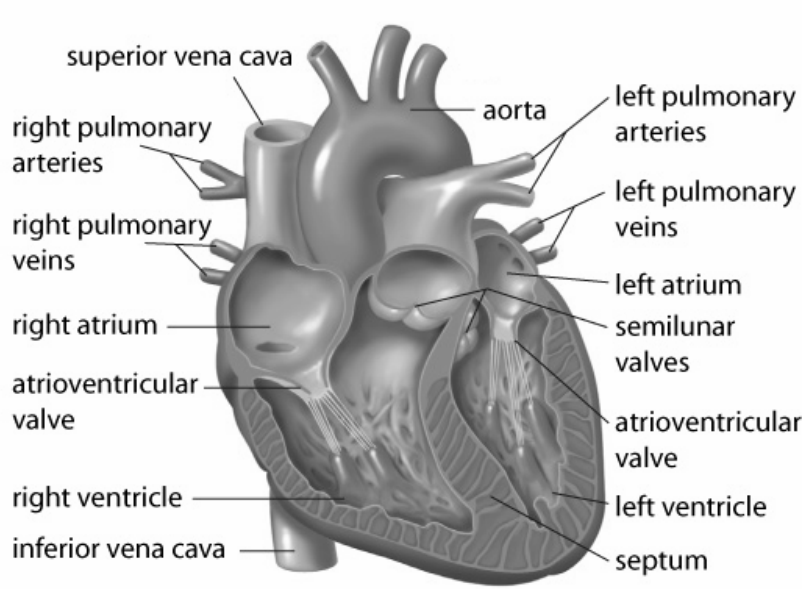
DATE: NAME: CLASS:

CHAPTER 8 HANDOUT	Flow of Blood Through the Heart	BLM 8.1.2

The heart is a dual pump—two separate pumps that are coordinated to pump at the same time. The right side of the heart pumps deoxygenated blood to the lungs to pick up oxygen, and the left side of the heart pumps oxygenated blood to the body to supply oxygen to the cells. This occurs at the same time with each contraction.

1. Using blue and red pencils or pens, diagram the pathway of blood through the heart using arrows. Use blue to represent deoxygenated blood and red for oxygenated blood.



2. Using the above diagram as a reference, fill in the missing terms in the sentences below.

   a) Blood enters the right atrium through the _____.

   b) Blood flows from the right atrium into the right ventricle through the _____.

   c) Blood is pumped from the right ventricle into the pulmonary trunk that splits into the right and left _____.

   d) Blood returns from the lungs by way of the right and left _____.

   e) Blood enters the _____ when it returns from the lungs.

   f) Blood flows past the _____ as it enters the left ventricle.

   g) The left ventricle pumps out past the _____ into the aorta.