Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_

**SCORE: /35**

**Directions:** Follow along the procedures to complete the heart dissection. Follow all guidelines for biological drawings. This is due at the end of class.

**Data Table:** [5 points]

|  |  |  |  |
| --- | --- | --- | --- |
| **Side of heart** | **Thickness of atrium (cm)** | **Thickness of ventricle (cm)** | **Describe the general features (what does it look like?)** |
| Left |  |  |  |
| Right |  |  |  |

**Observations (Drawings):** Be sure to label all important structures and follow general guidelines for biological drawings. [5 pts each; 20 pts total]

|  |  |
| --- | --- |
| *External view of heart (step 2)* | *Sketch of valve (step 5)* |
| *Left side of heart (step 8)* | *Right side of heart (step 15)* |

**Cleanup:** [5 points] Ms. Campbell will give you points based off your contribution to your group and whole-class cleanup.

**Analysis Questions:** [5 points]

1. What can you say about the size (volume) of each of the chambers?  Are they different sizes, which is the largest?
2. Consider the atria. Is the muscle wall thicker or thinner than the ventricles?  Explain why this is the case.
3. Consider the coronary arteries. Where are they found?  What is their function?