Animal Hair Lab Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Forensics 352 – O’Dette Date \_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_

**Procedure:**

1. Get one glass microscope slide from your teacher. It will have three hair samples on it as shown.

Cat hair Human hair Sheep hair

2. Adjust the microscope to 10X to locate the hair for viewing. Once the hair is centered in the view of the objective and focused, increase the magnification to 40X. You should be able to view the cortex and the medulla of the hair.

3. Sketch the inner medulla for the cat hair, sheep hair, and human hair in the data and results section.

4. View two other hair samples: they might be from a horse, deer, dog, rabbit, or mouse. Sketch the inner medulla for the two samples in the data and results section.

Data and Results: Hair Analysis

Draw sketches of the different hairs you examined under the microscope.

* **Cat**
* **Dog**
* **Human**
* **Other sample: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**
* **Other sample: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Did you feel that you were able to see the difference between different types of hair? Explain.**