Structure and Function of Hair Practice

1. In the following diagram, label the three parts of the hair shaft.

2. What are the three main cuticle patterns?
   a. 
   b. 
   c. 

3. Label the shapes of the cuticles in the following pictures.

4. What layer are the pigment granules found in?
5. A cellular column running through the center of the hair is known as the ________________.

6. Label the type of medullas in the following pictures. Use the terms: continuous, interrupted, fragmented, solid, or none.

7. What is the medullary index?

8. How does the medullary index differ from animal vs. human hair?

9. A person has wavy hair. What would you expect the shape of her hair to look like under the microscope?