1. Review Questions:
   a. What is the difference between the cuticle, cortex, and medulla?

   b. Which of the three parts of hair can be used to tell different humans apart and why?

   c. How do scientists use the hair’s cuticle to tell the difference between humans and animal?

   d. How do scientists use the hair’s medulla to tell the difference between humans and animals?

   e. How can you tell dyed hair from natural hair?

   f. How could the tip of a piece of hair help solve a crime?

   g. Why is the follicle important?

2. Labeling
   a. Label each part of the diagram:

   b. Draw an arrow pointing to the medulla in each piece of hair:
c. What type of cuticle scales are present on the samples below:

![Cuticle samples](image1.png)

![Cuticle samples](image2.png)

![Cuticle samples](image3.png)

![Cuticle samples](image4.png)

d. What pattern of medulla is present:

![Medulla samples](image5.png)

![Medulla samples](image6.png)

![Medulla samples](image7.png)

![Medulla samples](image8.png)

e. Choose one of the following hair samples and sketch it in detail:

![Hair samples](image9.png)