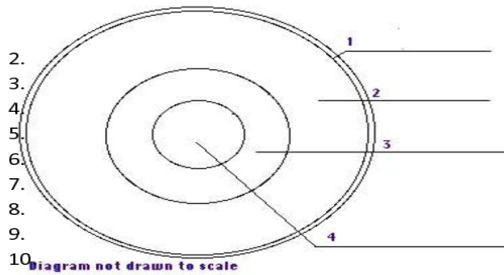


Explore the following websites and answer the corresponding questions below.

Part I. The Layers of Earth

A. The Volcano World website: [http://volcano.oregonstate.edu/education/vwlessons/lessons/Earths\\_layers/Earths\\_layers2.html](http://volcano.oregonstate.edu/education/vwlessons/lessons/Earths_layers/Earths_layers2.html)

1. Color/shade and label the layers of the Earth. (Note: The mantle is sometimes divided into upper and lower)



- 2. What causes the mantle to "flow" ? (see the 6<sup>th</sup> slide) \_\_\_\_\_
- 3. What are the two main metals that make up the Earth's core? \_\_\_\_\_ and \_\_\_\_\_
- 4. Describe, in your own words, how the earth's layers were formed? (see slide #1: "The Four Layers")

\_\_\_\_\_

\_\_\_\_\_

B. The Earth's Interior website: <http://library.thinkquest.org/17457/platetectonics/1.php>

- 1. How is the Earth's interior like an apple? \_\_\_\_\_
- 2. The lithosphere is divided into two parts (or crusts).
  - a. What are the two crusts called? \_\_\_\_\_ and \_\_\_\_\_
  - b. What are the thicknesses of each crust?
  - c. The \_\_\_\_\_ crust is \_\_\_\_\_ km. The \_\_\_\_\_ crust is \_\_\_\_\_ km.
  - d. What is each crust made of?  
The \_\_\_\_\_ crust is \_\_\_\_\_. The \_\_\_\_\_ crust is \_\_\_\_\_.