Layers of the Earth

Geography 12

Unit 2: Tectonic Processes: Layers of the Earth

Use pages 69-71 in Physical Geography and pages 53-55 in Planet Earth to answer the following questions:

1. Define the following terms:

1. **Mantle (mesosphere)**
2. **Crust**
3. **Lithosphere**
4. **Core (centrosphere)**
5. **Asthenosphere**
6. **Mohorovicic discontinuity (Moho)**

2. What part of the core is in a solid state?

3. As you move towards the outer layer of the earth the materials are lighter/heavier (circle one) and less/more dense (circle one).

4. Which layer is in a semi-plastic state?

5. Heavier elements settled towards the earth’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ under the effects of gravity.

**Label the following diagram:**

**Be sure to include:** inner core, outer core, mantle, moho, asthenosphere, lithosphere, continental crust, oceanic crust

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