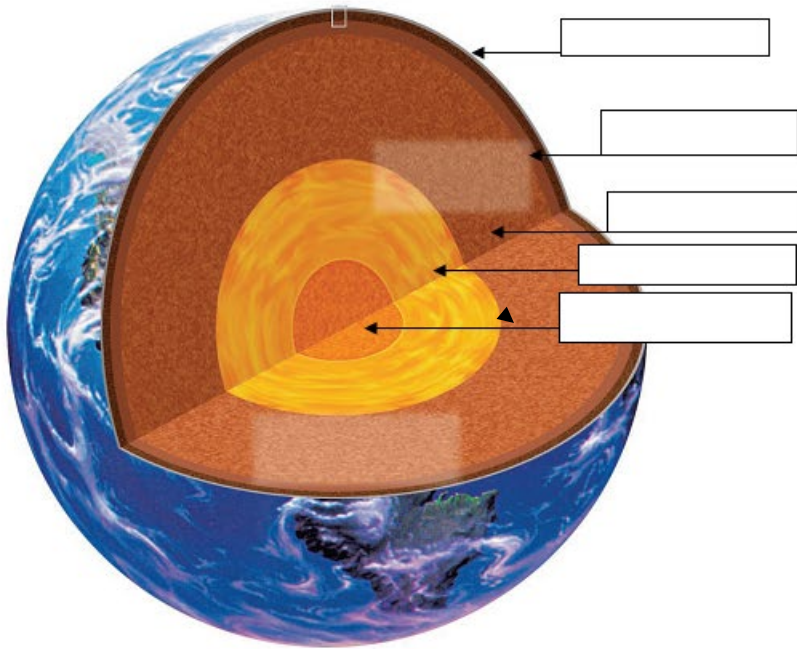


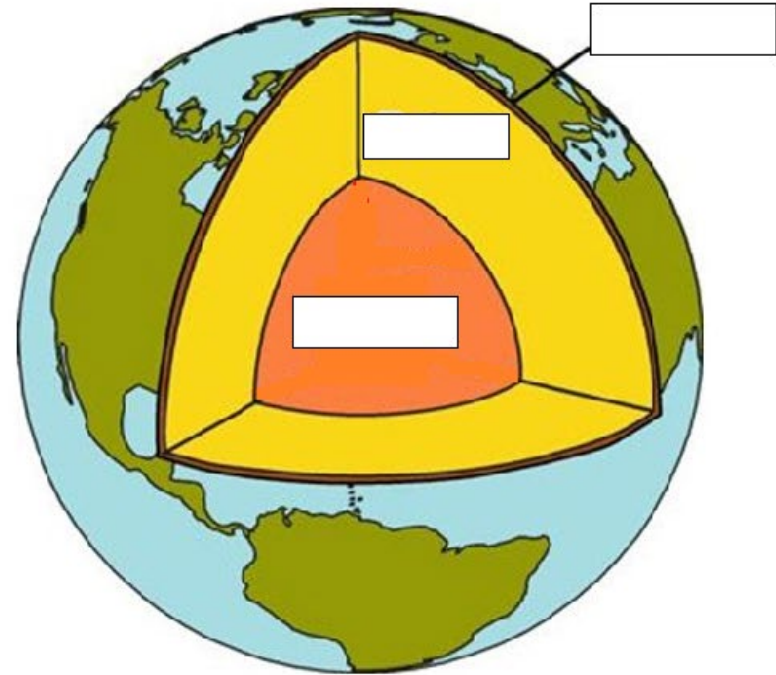
Earth's Interior Labeling Activity /38

name _____ hr ____

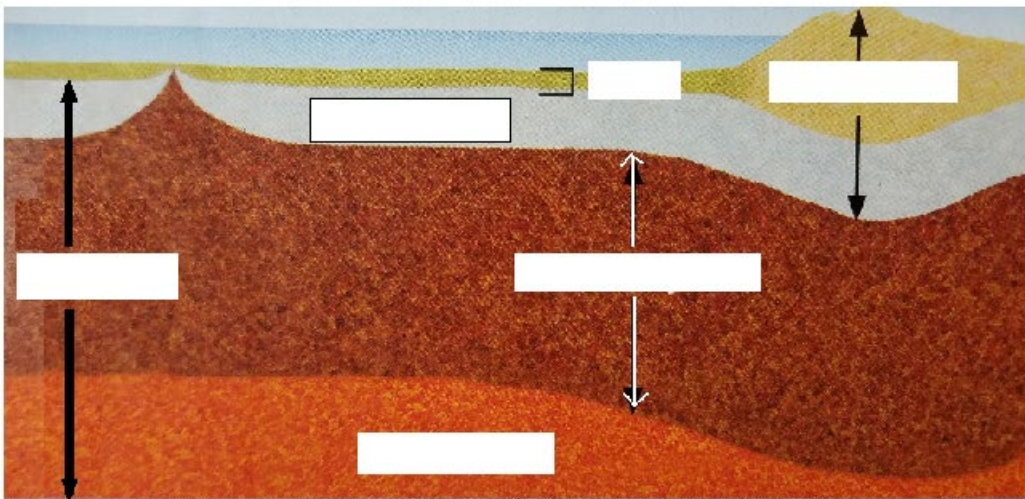
EARTH'S STRUCTURAL LAYERS



EARTH'S COMPOSITIONAL LAYERS



SIDE VIEW OF EARTH'S LAYERS



WORD BANK

- lithosphere (2x)
- asthenosphere (2x)
- lower mantle (2x)
- hardened upper mantle
- core
- outer core
- inner core
- crust
- mantle (2x)
- ocean crust

Earth's Interior Labeling Activity

1. What three compositional zones make up Earth's interior?

- 1
- 2
- 3

2. What five structural zones make up Earth's interior?

- 1
- 2
- 3
- 4
- 5

3. Now, match the compositional layers up with their respective structural layers using arrows (you need 6 arrows)

1 LITHOSPHERE **1 CRUST**

2 ASTHENOSPHERE

3 LOWER MANTLE **2 MANTLE**

4 OUTER CORE

5 INNER CORE **3 CORE**

4. Which compositional zone of Earth makes up almost two-thirds of the planet's mass?

5. The lithosphere floats on which structural zone?

6. The lithosphere is broken into pieces like an eggshell. What are those pieces commonly called?

7. The asthenosphere floats on which structural zone?

8. The mantle is made up of what three structural zones?

- 1
- 2
- 3

9. Which structural zones are responsible for making the magnetic field?

- 1
- 2

10. Why did the Earth form in so many different layers?