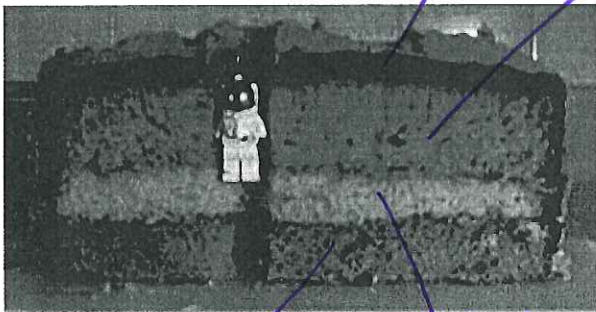


Make and study flashcards for these vocabulary terms. Page numbers are in parentheses

- Continental Drift (p.289-290)
- Alfred Wegener (p.289)
- Pangaea (Notes in Journal)
- Theory of Plate Tectonics (p.284)
- Plate Boundary (p.286)
- Convergent Boundary (p.286)
- Divergent Boundary (p.286)
- Transform Boundary (p.286)
- Oceanic Crust (p.273)
- Continental Crust (p.273)
- Arc Volcanoes (p.286)
- Island Arc Volcanoes (p.286)
- Subduction (p.286)

- Fault (p.287)
- Trench (p.286)
- Rifting/Rift Valley (p.286)
- Seafloor Spreading (p.287)
- Asthenosphere (p.274)
- Inner Core (p.276)
- Outer core (p.276)
- Crust (p.273)
- Lava (p.306)
- Lithosphere (p.274)
- Magma (p.306)
- Mantle (p.274)
- Seismic wave (p.292)



crust mantle

How does this cake model the Earth's layers?

1. Include Labels for each layer
2. Explain the similarities and differences between this model and Earth. Answers will vary.

<u>similarities</u>	<u>Differences</u>
<u>Distinct layers</u>	<u>No solid core</u>
<u>Surface not smooth</u>	<u>No rigid upper mantle</u>
	<u>No convection currents</u>

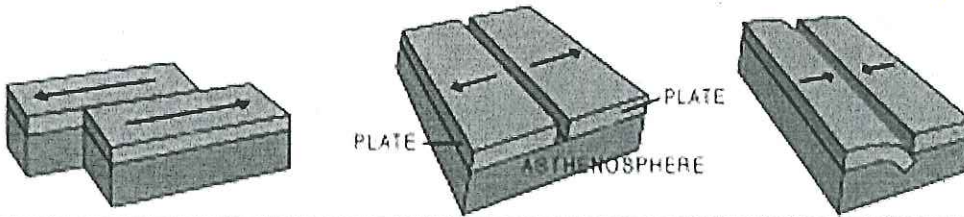
Inner Core

Outer Core

Transform

Divergent

Convergent



1. What major geologic events occur at each of these types of plate boundaries?

Transform Boundary: Earthquakes

Divergent Boundary: New Crust, Rift Valleys, Mid Ocean Ridge

Convergent Boundary: Volcanic Arc, Deep Ocean Trench, Mountain Building

Name _____

Class _____

Date _____

Crust

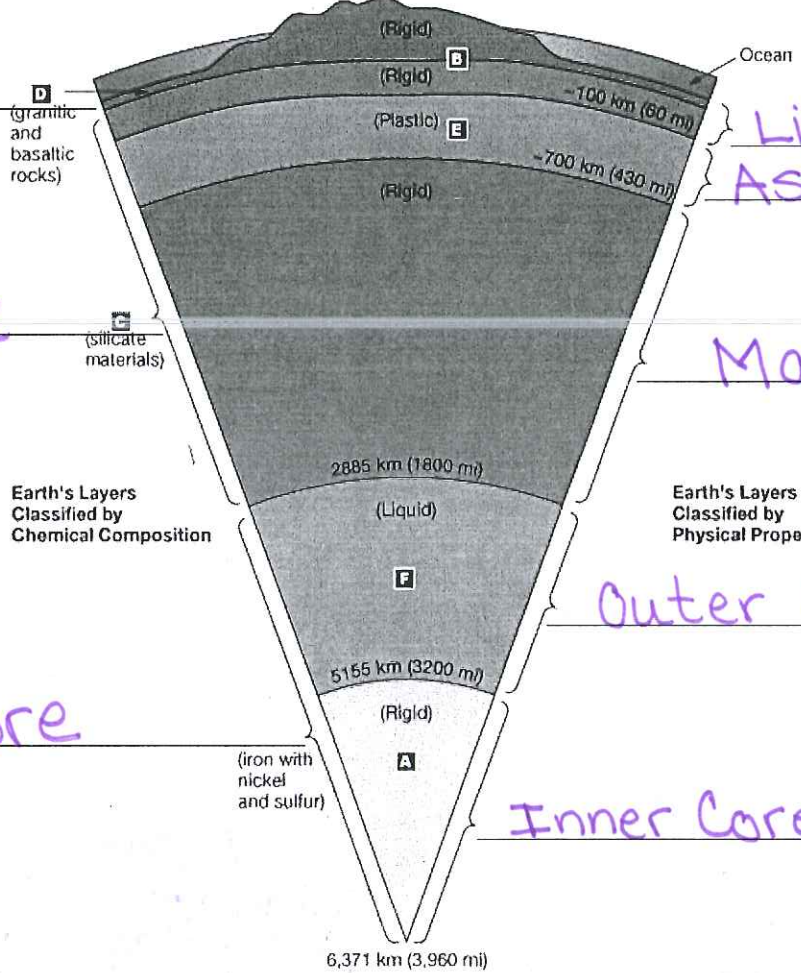
Lithosphere
Asthenosphere

Mantle

Mantle

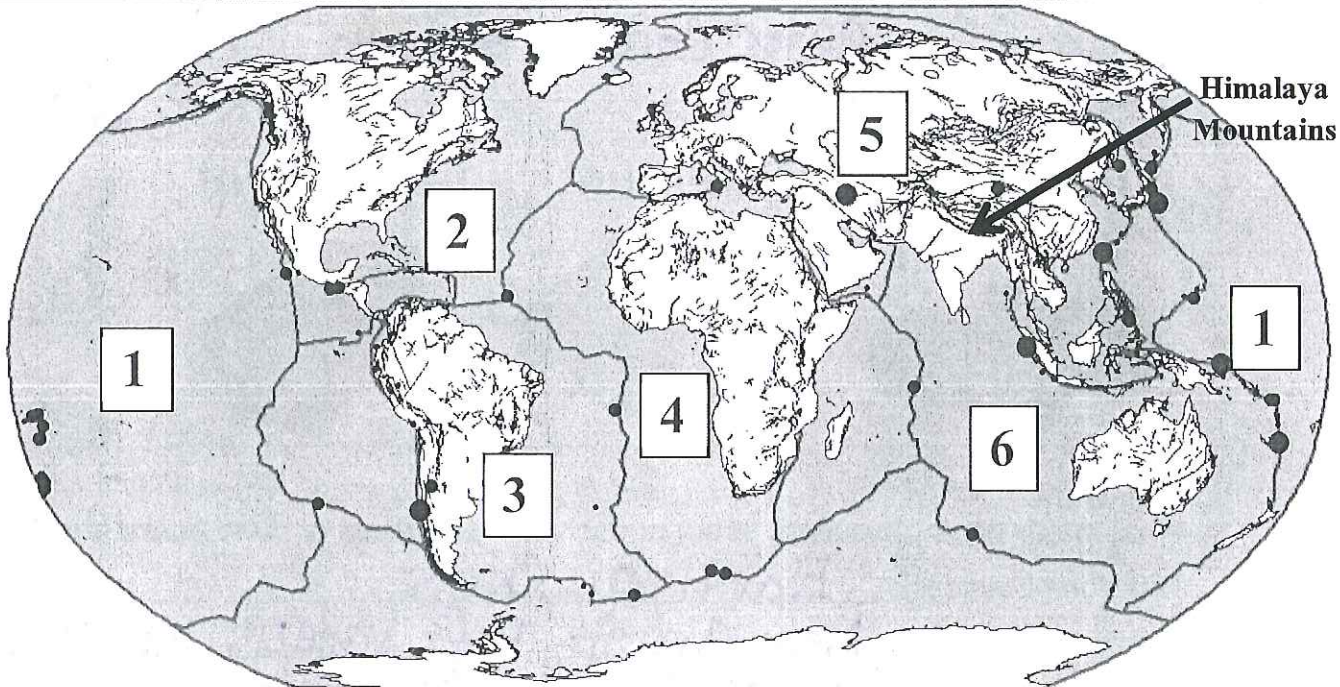
Core

Outer Core
Inner Core



Earth's Layers Classified by Chemical Composition

Earth's Layers Classified by Physical Properties



Himalaya Mountains

- | | |
|-------------------------|-------------------------|
| 1. Pacific Plate | 2. North American Plate |
| 3. South American Plate | 4. African Plate |
| 5. Eurasian Plate | 6. Indoaustralian Plate |