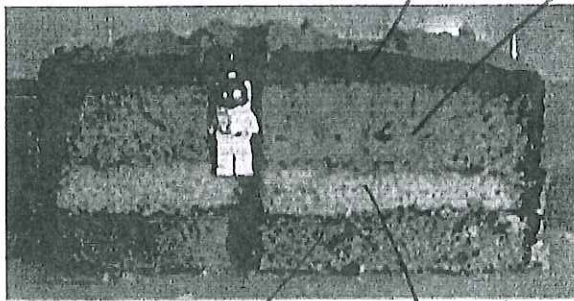


Make and study flashcards for these vocabulary terms. Page numbers are in parentheses

- 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)



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.*

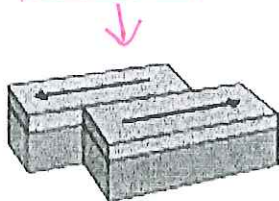
<u>similarities</u>	<u>Differences</u>
Distinct layers	No solid core
Surface not smooth	No rigid upper mantle
	No convection currents

Inner Core Outer Core

Transform

Divergent

Convergent

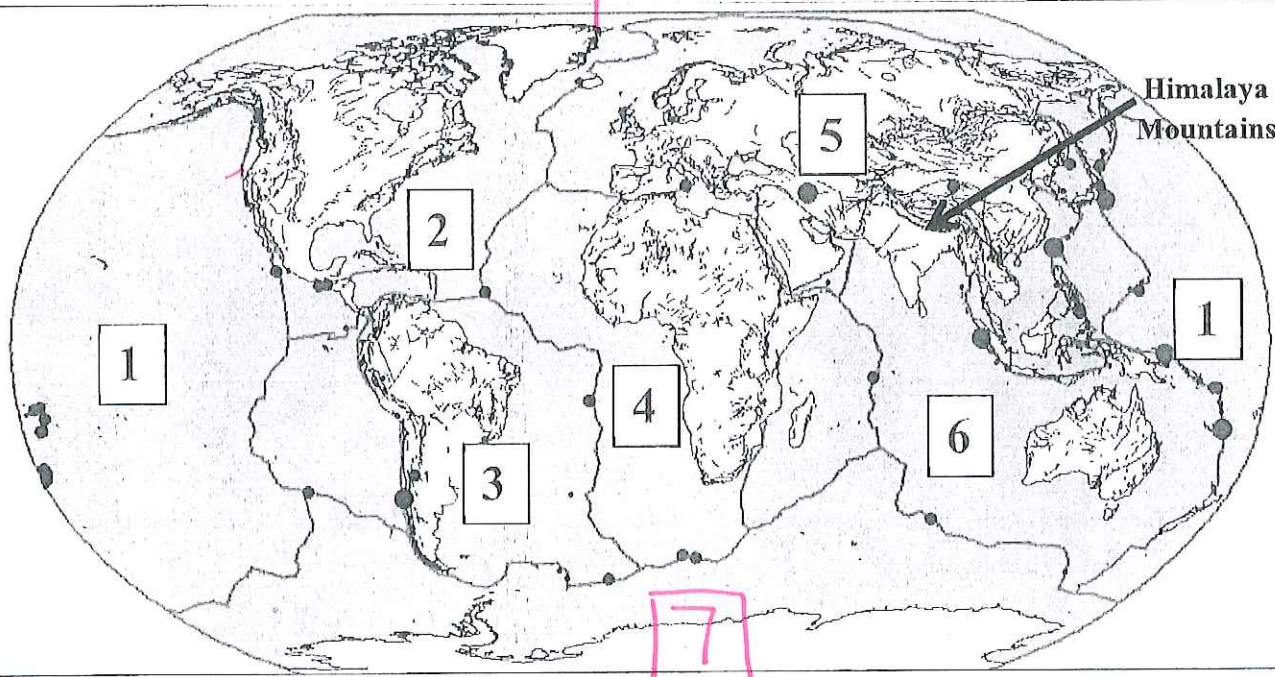
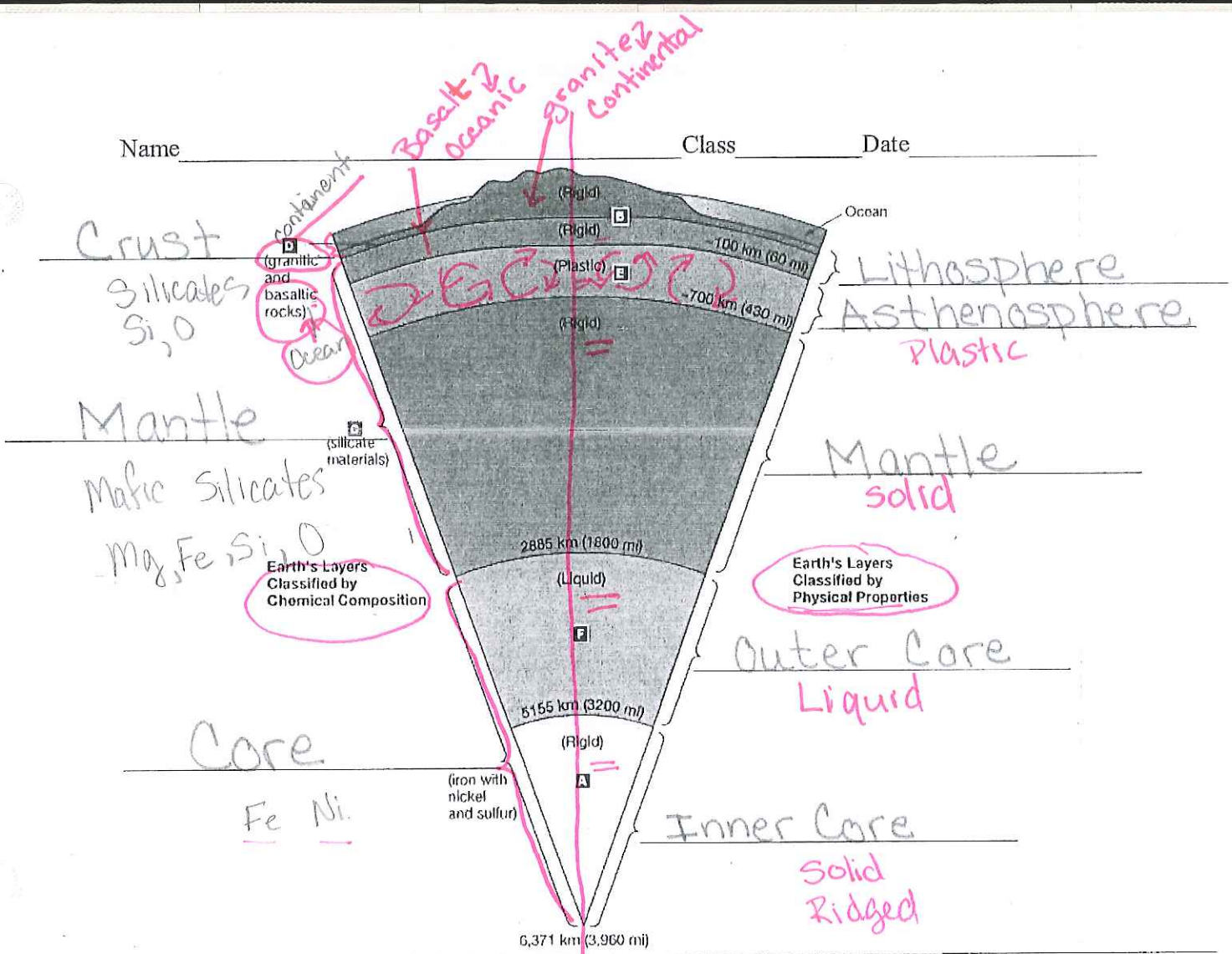


1. What major geologic events occur at each of these types of plate boundaries?

Transform Boundary: Earthquakes

sea floor spreading Divergent Boundary: New Crust, Rift Valleys, Mid Ocean Ridge

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



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

7. Antarctic Plate