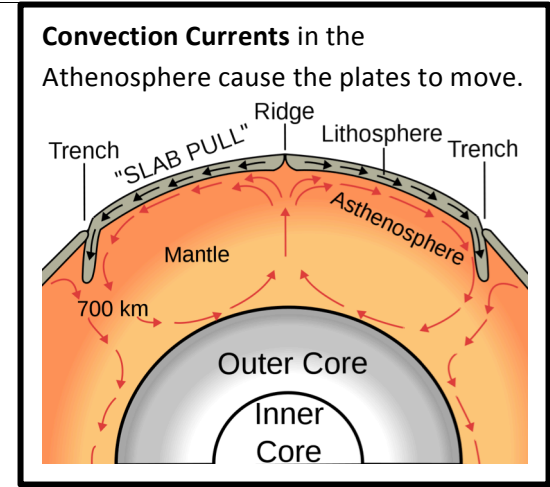
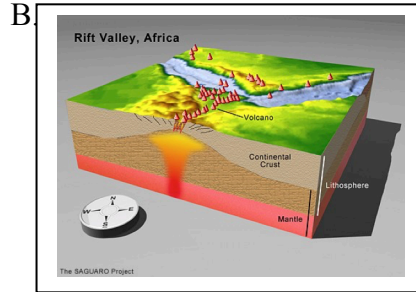
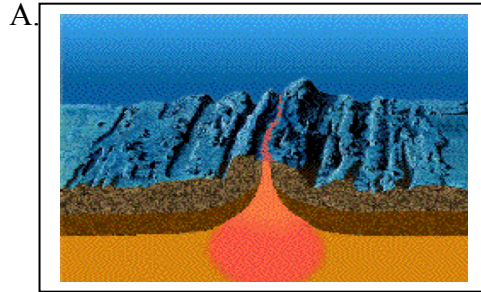


# Features found at different types of Plate Boundaries

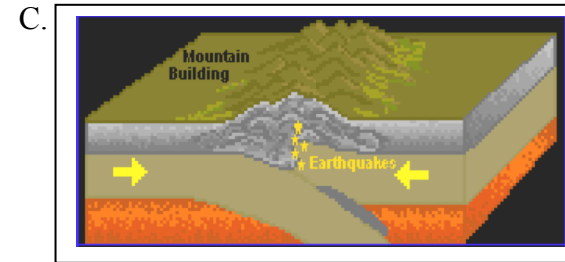
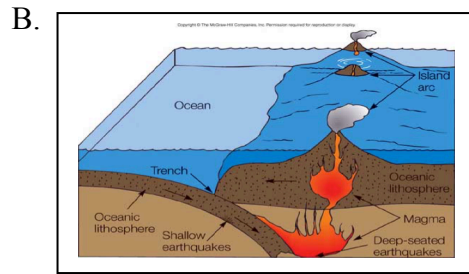
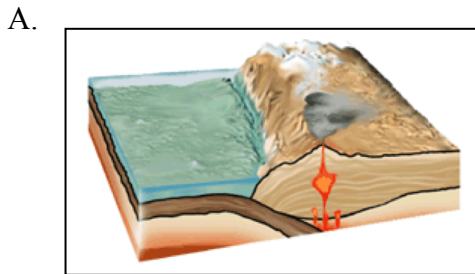
## I. Divergent Boundaries- Where Plates are moving apart

- A. Ocean/ Ocean- Mid-ocean ridges- In the Atlantic Ocean dividing North America from Europe
- B. Land/Land- rift Valley- The Great Rift Valley of Africa



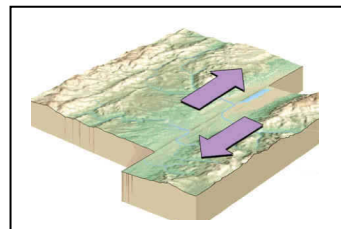
## II. Convergent Boundaries- Where plates are crashing together

- A. Ocean/Land- Subduction, Trench, and Volcanoes –Andes Mountains in South America
- B. Ocean/ Ocean- Subduction, Deep Trenches and Volcanic Island Arcs- Marianas Trench in the Phillipeans
- C. Land/ Land- No Subduction, Earthquakes, Mountain Building- Himalayan Mountains between India and China



No Subduction, No Volcanoes, No Mountain building- Lots of Earthquakes- San Andreas Fault in California

## III. Transform Boundaries- Where Plates slide past each other



## Plate Tectonics Review Worksheet

1. What are the layers of the earth?
2. What is the lithosphere? Asthenosphere?
3. What causes the plates to move?
4. What is the difference between oceanic crust and continental crust?
5. What features form at the two divergent, the transform and the 3 convergent boundaries. (see below for help with the answer)
6. Where are real life examples (locations) of each of the following boundaries?

**On a separate sheet, draw a picture of each boundary, use arrows to show direction of the motion, and label the features:**

1. Divergent
  - a. under the ocean- mid-ocean ridges
  - b. on land- rift valley
2. Transform (Strike-Slip) - fault
3. Convergent
  - a. Oceanic vs. Oceanic –trench, island arc, subduction, lithosphere, asthenosphere
  - b. Continental vs. Continental – mountains, lithosphere, asthenosphere
  - c. Oceanic vs. Continental – trench, volcanic arc, subduction, lithosphere, asthenosphere