Plate Tectonics Review Worksheet

- 1. What is the theory of Continental Drift?
- 2. What are four pieces of evidence for continental drift?
- 3. What is the theory of Plate Tectonics?
- 4. Two pieces of evidence for plate tectonics?
- 5. What are the layers of the earth?
- 6. What is the lithosphere? Asthenosphere? Mesosphere?
- 7. What causes the plates to move?
- 8. What is the difference between oceanic crust and continental crust?
- 9. Be able to interoperate the graph from Earth's Subsurface Changes from my teacher site.
- 10. Know what feature form at divergent, transform and the 3 convergent boundaries. (see below for the answer)
- 11. Where are real life examples of each of the following boundaries?

Draw a picture of each boundary, us arrows to show direction of the motion, and label the features:

- 1. Divergent mid-ocean ridges
- 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