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