**Earth Science Jigsaw Review 2**

**B. Plate boundaries**

1. Draw/label the three types of plate boundaries using arrows.

2. Label the three types of stress at each boundary drawing.

3. What features can occur at convergent boundaries?

4. What features can occur at divergent boundaries?

5. Folded Mountains such as the Himalayans occur where two crust converged/collided.

**A. Continental Drift/Plate Tectonics**

1. What were the 3 pieces of evidence that Alfred Wegener used for his theory of Continental Drift?

2. What is Pangaea?

3. Where does sea-floor spreading occur?

4. Where does subduction occur?

5. Why is the Pacific ocean shrinking?

6. Why is the Atlantic ocean getting larger?

7. The Theory of states that Earth’s lithosphere is broken in to sections called plates which are in constant slow motion driven by convection currents.

**D. WED and soil**

1. Weathering is the of rock

2. Erosion is the of sediment.

3. Deposition is the of sediment.

4. Draw and label a soil profile

5. is the dark colored organic material made from the decayed remains of plants/animals.

**C. Volcanoes and Earthquakes**

1. Most volcanoes and earthquakes occur along , because that is where the Earth’s crust is in motion.

2. Most volcanoes occur along plate boundaries due to .

3. Most Earthquakes in the US occur on the west coast because of the fault which is a boundary.

4. If there are many earthquakes occurring near a volcano, you can infer that an eruption is

5. If a volcano, such as Hawaii, occurs nowhere near a plate boundary, then it is called a

6. Earthquakes can occur at all boundaries but are most frequent at