HW 4: Plate Boundary

Research (graded as project)

Name: Period: Date:

**Directions**: Copy and paste this to a google doc and answer each question. Leave room for any required diagram (#3).

1. On Average how often does the San Andreas fault cause a major earthquake?

2. What was the recorded damage from any previous quakes it has caused?

3. What other major fault lines are there close to Oregon? Please draw a diagram and label.

4. Define the different types of fault boundaries (at least 3 types), give examples of well known fault line and their resulting effect. (example: blank type of boundary resulting in X mountain range.)

5. What measurements have we taken to minimize effects of earthquakes (ex building codes)

6. What is seismology

7. What is the Richter Scale, how does it work?

8. What was the largest earthquake in America, what damage was done?

9. What is the largest earthquake ever recorded, what damage was done?

10. What can the a map of global volcanoes tell us?

11. What is the ring of fire?

12. The tectonic plates float on…

13. Volcanoes are most likely to occur on what type of boundary?

14. The mid-ocean ridge occurs  along a…

15. Subduction is when…