

Name: _____

Investigation 2: How do we recognize plate boundaries? Investigation Sheet

<http://www.ei.lehigh.edu/learners/tectonics>

Read **all** instructions on your handout and answer **each** question in complete sentences.

1. What major plate lies west of the North American plate?
2. What plate lies northeast of the North American plate?
3. What plate borders the North American plate to the southeast?
4. Which three plates border the North American plate to the south?
5. What plate borders the North American plate in the U.S. Pacific Northwest?
6. How are earthquakes and volcanoes related to plate boundaries?
7. What kind of plate boundary separates the North American and Eurasian plates?

8. What kind of plate boundary separates the North American and Pacific plates at 31° latitude, -115° longitude?

9. What kind of plate boundary separates the North American and Pacific plates at 55° latitude, -160° longitude?

10. What type of plate boundary is located between the North American and Juan de Fuca plates?

11. What type of plate boundary is located between the Pacific and Juan de Fuca plates?

12. What types of lithosphere make up tectonic plates?