

Name _____

Date _____

Mapping the Ring of Fire

View a map of seismic activity of the Pacific Northwest

What pattern do you see? What does this pattern mean?

View a map of seismic activity of Southeast Asia.

What pattern do you see? What does this pattern mean?

Analyze your map

1. How many plates lie under the Pacific Ocean?
2. Are all plates the same size?
3. How many plates interact near the Washington?
4. How many plates interact near Japan?
5. Explain how earthquakes can be used to infer plate boundaries.
6. Where are the majority of volcanoes found in the Pacific Rim? (Are they found in the middle of the plates or on the edges?)
7. Are volcanoes found everywhere earthquakes are found?