

Name: _____ Period: _____

Patterns of Seismic Activity Lab

Use the instructions and data found at www.hmxearthscience.com/seismic_activity.html to complete the map on the back of this page and then the questions found below.

1. Describe the pattern of earthquakes on your map?
2. Describe the pattern of volcanoes on your map?
3. What regions of North and South America show the greatest crustal activity?
4. Compare the patterns of earthquakes, volcanoes, and mountain ranges on Earth?
5. What is the probability of having major earthquakes or volcanoes occur in New York State? How do you know?
6. Why is the perimeter around the Pacific Ocean referred to as the ring of fire?

