

Interpretation:

1. What is the origin time of the earthquake (at what time did the earthquake occur)? _____

2. Which seismograph recorded the earliest P-wave arrival? The latest? _____

3. What does the difference described in #2 suggest about the relative locations of each seismograph?

4. Where was the epicenter (which State and/or Country?) of this earthquake located? _____

5. Use your **Plate Tectonics** map to determine what *type* of plate boundary is located here. _____

6. **Which** plates are found along this boundary? _____

7. Describe what might be happening here to *cause* earthquakes at this location. **BE SPECIFIC!** _____

8. Your circles may not have intersected precisely at one point. Other than error in your measurements, what are the possible reasons for this? (be specific!)
