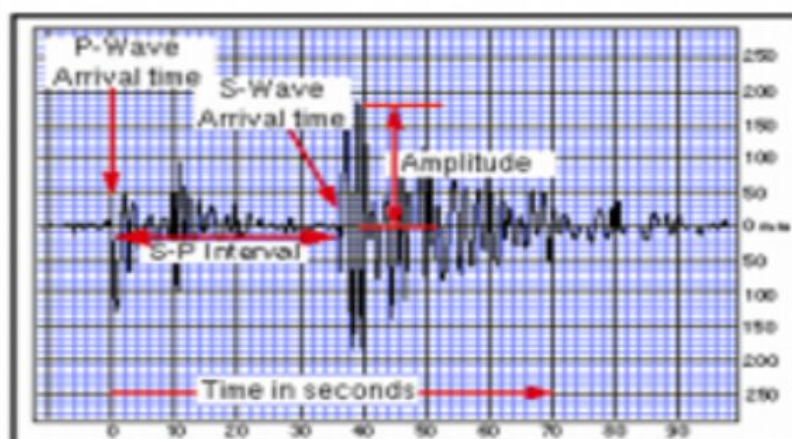
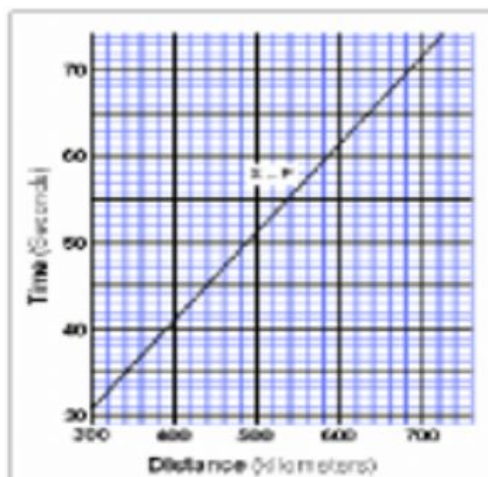


LOCATING THE EPICENTER OF AN EARTHQUAKE NOTES

This is a seismograph taken from a seismometer:



1. P waves reach the seismometer at a specific location first then follow the S waves.
 - a. In the example above, what is the time difference between P and S waves? _____
2. The time difference between P and S waves determine the distance from the Epicenter.



3. Using the time from the difference between P and S waves, what is the distance of the seismometer from the earthquake? _____
4. The Epicenter is the point where the earthquake occurs directly above the focus point.
5. Focus point is where the earthquake actually occurs (where the ground releases energy).