

Name: _____ Date: _____ Period: _____

Finding Epicenters II

Complete the chart below. Note that the top three rows are from one earthquake event (so the time of origins should all be the same or very close) and the bottom three rows are a completely different earthquake. You will need your ESRTs to complete this worksheet.

Station	Arrival (clock time)		Difference in arrival time min. & sec.	Distance to epicenter (km)	"P" Wave travel time min. & sec.	Time of origin hr, min, & sec
	"P" Wave	"S" Wave				
San Jose	2:05:25	2:08:00				
New York	2:13:15	2:22:20				
San Francisco	2:08:15	2:13:05				
San Jose	1:19:20	1:22:40				
New York	1:21:15	1:25:30				
San Francisco	1:20:35	1:25:05				

List as many features of the P-wave as you can.

List as many features of the S-wave as you can.