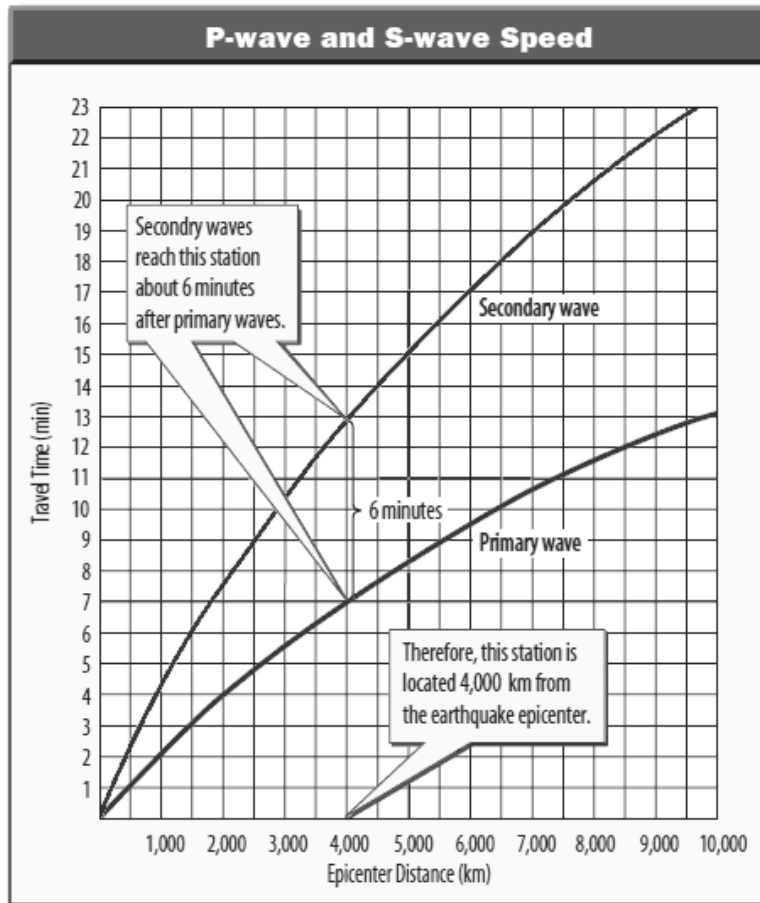


Location of Earthquakes

Name _____



Fill in the Wave Data Table below from the graph above:

Distance to Epicenter (Km)	Difference in Arrival Times
1,500	3 min.
2,250	
2,750	
3,000	
4,000	6 min.
7,000	
9,000	

1. What happens to the arrival time as the distance from the epicenter increases?
2. If the difference in arrival times at a seismograph station is 6 min. 30 sec. how far away is the epicenter?