

Seismic Wave Project Template

Part 1

Part 1 Tables

Trial	Walk Times (S-Waves)			
	Epicenter (0-Yard Line)	Seismograph Station #1 (10-Yard Line)	Seismograph Station #2 (20-Yard Line)	Seismograph Station #3 (30-Yard Line)
1	0 s			
2	0 s			
3	0 s			
Average	0 s			

Trial	Run Times (P-Waves)			
	Epicenter (0-Yard Line)	Seismograph Station #1 (10-Yard Line)	Seismograph Station #2 (20-Yard Line)	Seismograph Station #3 (30-Yard Line)
1	0 s			
2	0 s			
3	0 s			
Average	0 s			

Part 2

An earthquake was recorded at Stations, A, B, and C shown on the map below.

Station A reported that the epicenter of the quake was 1500 km from the station.

Station B reported that the epicenter of the quake was 1250 km from the station.

Station C reported that the epicenter of the quake was 3250 km from the station.

Using a compass and scale of 1 cm = 500 km, locate and label the epicenter of the earthquake on this map.

Station A = 1500 km = 3 cm

Station B = 1250 km = _____ cm

Station C = 3250 km = _____ cm



Part 3

Part 3 Table

Epicenter Data Table			
Seismograph Station	Los Angeles, CA	St. Louis, MO	Houston, TX
Elapsed time between first P and S waves (in Minutes)			
Distance from Epicenter (In Miles)			

Time Travel Graph



