

Name _____

Date _____

Earthquake Waves Review

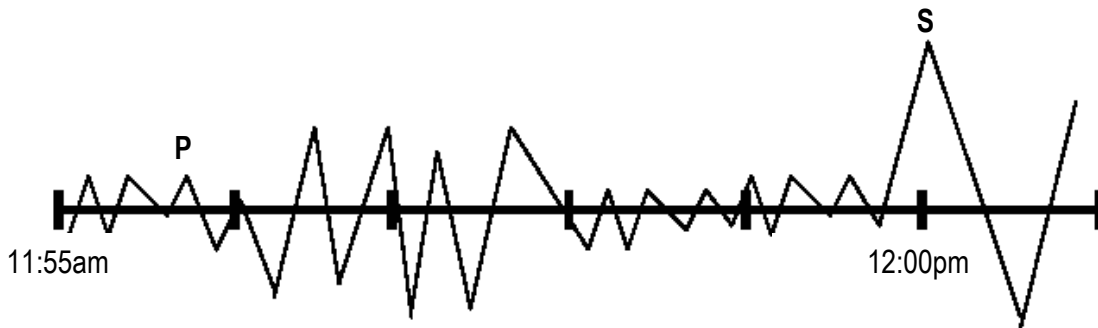
1. Use the information below to completely fill in the chart.

S-Wave Arrival Time = 4:32:00pm

P-Wave Travel Time = 2 minutes 20 seconds

a. P-Wave Arrival Time	4:30:00pm
b. S-Wave Arrival Time	4:32:00pm
c. Arrival Time Difference (Lag Time)	00:02:00 (2min 0sec)
d. Distance to Epicenter	1100km
e. P-Wave Travel Time	00:02:20 (2min 20sec)
f. S-Wave Travel Time	00:04:20 (4min 20sec)
g. Earthquake Origin Time	4:27:40pm

2. Use the seismogram below to fill in the chart that follows.



a. P-Wave Arrival Time	11:55:40am
b. S-Wave Arrival Time	12:00:00pm
c. Arrival Time Difference (Lag Time)	00:04:20 (4min 20sec)
d. Distance to Epicenter	2900km
e. P-Wave Travel Time	00:05:30 (5min 30sec)
f. S-Wave Travel Time	00:09:50 (9min 50sec)
g. Earthquake Origin Time	11:50:10am