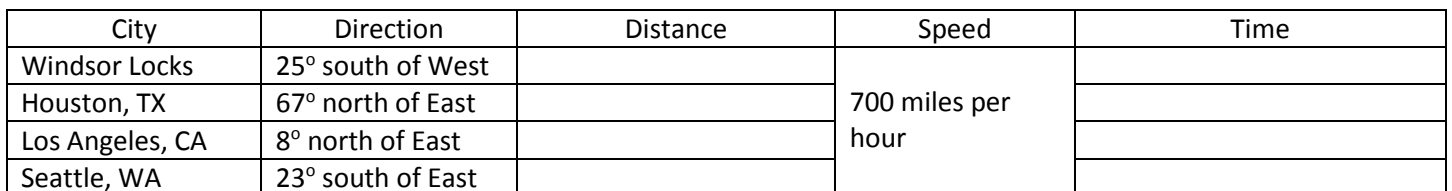


Period: _____

Using the information in the table below, locate the epicenter of the earthquake and answer the questions related.



1. What city is closest to the Epicenter? _____
2. Calculate the distance the seismic waves needed to travel to reach each city.
3. Calculate the time it took the seismic waves to reach each city.
4. Assuming this is a magnitude 7 earthquake, what would you expect to happen to the city? Use the back of the paper and the RATE format to answer. Be sure to include at least two examples of earthquakes to support your claims.