

**Compare and Contrast**

<b>Kobe, Japan 1995 Earthquake</b>	<b>With Regard To:</b>	<b>East Bay, California Hayward Fault Scenario</b>
	Number of people killed and injured	
	Number of people left homeless	
	Attitudes toward Earthquake preparedness	
	Type of fault	
	Population living on the fault	
	Length of fault	
	Names of the tectonic plates by the faults	

<b>Loma Prieta Earthquake</b>	<b>With Regard To:</b>	<b>Northern Hayward Fault Scenario</b>
	Damage	
	Loss of life	
	Magnitude	
	Fault name	
	Surface rupture during an earthquake	
	Location	

On your own sheet of paper, answer the following questions:

- The article indicates that there is geologic evidence that the last rupture of the Northern Hayward Fault was probably in \_\_\_\_\_. According to the article, that fault ruptures about every \_\_\_\_\_ to \_\_\_\_\_ years. Therefore, the fault is due to rupture sometime between \_\_\_\_\_ and \_\_\_\_\_.
- Why is the Northridge earthquake not necessarily a good model for what could happen in the East Bay?
- What conclusions can you draw about the Hayward Fault?
- Why do people NOT prepare for earthquakes in Northern California? What do you think should be done about this?