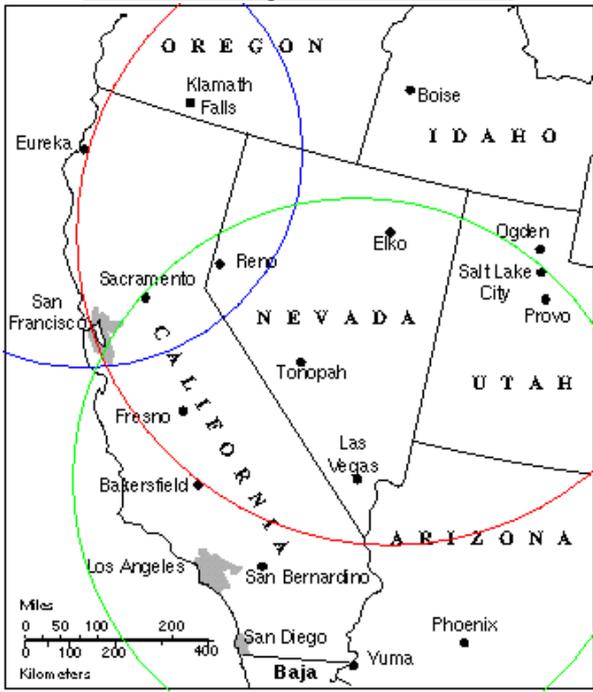


SECTION EUROPEENNE

Epreuve spécifique de Sciences physiques en anglais.

**Doc 1: trilateration of the epicenter thanks to 3 towns : Las Vegas; Eureka and Elko**

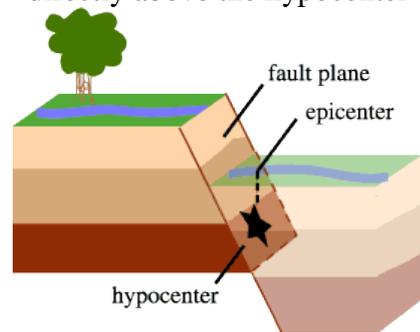


**Doc 2 : some definitions and information....**

**Fault or fault plane** = the surface where when two blocks of the earth suddenly slip past one another

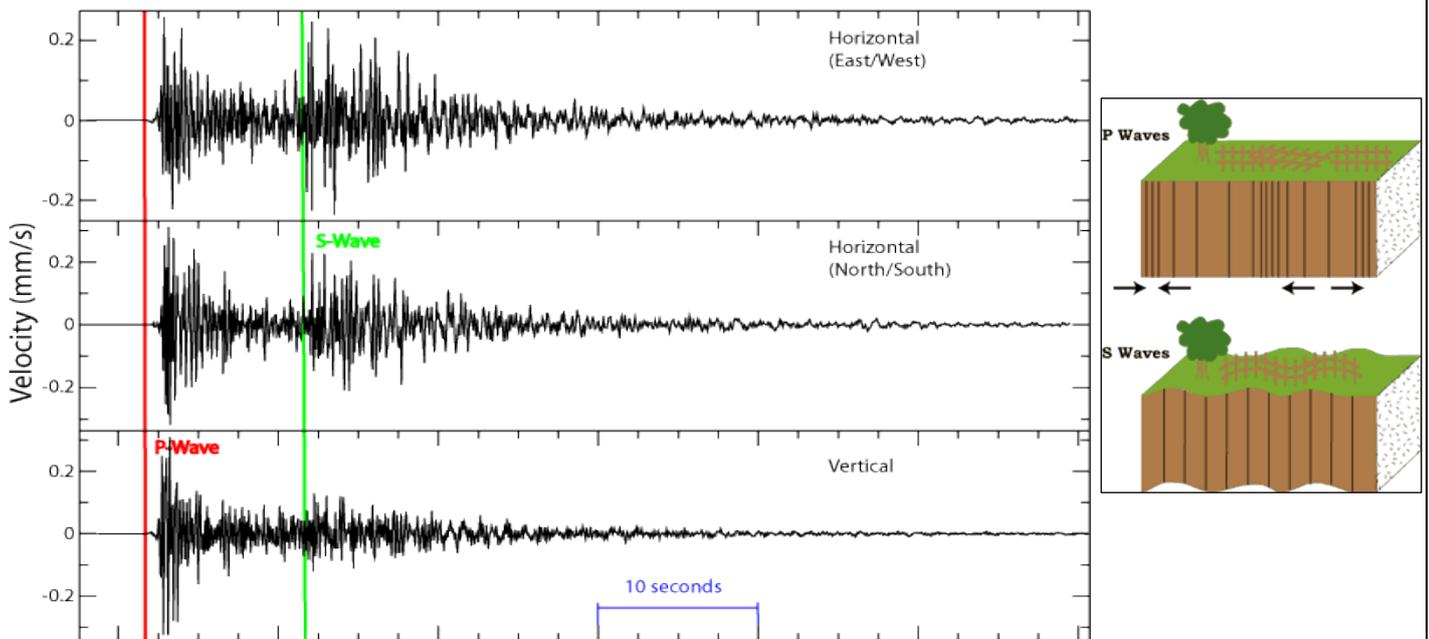
**Hypocenter** = the location below the earth's surface where the earthquake starts

**Epicenter** = the location on the surface of the earth directly above the hypocenter



**Doc 3: recording of a seismographs**

A way to determine the distance in kilometers from your location to the epicenter is to take the difference in arrival time of the P wave and the S wave in seconds and multiply by 8...



**TASK :** You are a TV consultant in California, and your job is to explain to the population what an earthquake is; how to measure its strength; how to find the location of an epicenter, and the consequences of earthquakes on human beings thanks to your knowledge of waves and the documents given.