CH. 10 Earthquakes Review

1. What is an earthquake?
2. Where do most major earthquakes occur?
3. What is the difference between focus and epicenter?
4. What are the two types of body waves? Define each. Include the speed that each waves travels.



1. Explain what surface waves are? How are they different from body waves?
2. What are seismic waves? Why are they different than body and surface waves?
3. What is the instrument used to measure/record waves given off from earthquakes?
4. After a seismograph has recorded the waves from an earthquake how would one use the data to determine the epicenter of an earthquake? Also how many locations would you need to look at seismograph readings from in order to determine an earthquake?
5. What is the term for measuring the strength of an earthquake?
6. The \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ scale uses \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to assign the energy released by an earthquake and the damage caused.
7. List 3 hazards that can occur from earthquakes and define them. (pages 222-223 in textbook)
8. How are scientists trying to predict earthquakes? (pg. 225 in textbook)
9. What is the Ring of Fire?