Earthquake Quiz Need to Knows

1. What is an earthquake?
2. What causes an earthquake?
3. Where do earthquakes occur?
4. Know the three types of stress and where each would occur
5. Know the three responses to increasing stress and what happens in each situation
6. Know the three types of faults and what happens at each. Be able to recognize diagrams of each type. Study the ones on page 50
7. Know the two main types of Seismic Waves.
8. Know the two main types of Body waves and the characteristics of each.
9. Know the names of the two types of Surface waves. Know the general characteristics of Surface waves.

10.What will happen to the speed of a P wave when it travels from a solid to

a liquid?

11.Where do rocks fracture more easily, on the surface of the earth or within the earth?

12. Know the relationship between an epicenter and focus

13. Which two wave types are used to determine the location of an epicenter?

14.Know the relationships between the arrival of the P and S waves in a seismogram? What does it mean if P waves are recorded but S waves aren’t?

15. What does a seismogram record?

16. Know the general information about the earthquake scales. Know which one is preferred by seismologists today.

17. Know generalities about earthquake predictions. Can we predict where? Why or why not? Can we predict when? Why or why not?

18. What should you do to stay safe in an earthquake? What’s the BEST place to build a house if you live in an area where earthquakes are likely to happen?