

Name: Answer Key Period: _____ Date: _____

Earthquakes Quiz Study Guide
Quiz on Wednesday, October 25th

Vocabulary:

1. Seismogram the record (printout) of an earthquake's seismic activity.
2. Seismograph the tool used by scientists to measure an earthquake.
3. Epicenter the center of an earthquake on the earth's surface.
4. Focus (hypocenter) the center of an earthquake underground.
5. P-Waves seismic waves that compress and expand like an accordion.
6. S-Waves seismic waves that move up and down and side to side.
7. Surface Waves slowest seismic waves - cause most severe movement.
8. Mercalli Scale scale used to report damage caused by earthquakes. (1-12)
9. Richter Scale scale used to record strength of earthquake. (1-10)

Application of Knowledge

1. Seismic waves that move the fastest P-waves
2. Push-pull waves that compress and expand the ground P-waves
3. Cause the ground to roll in a wave-like motion S-waves
4. Waves that produce the most severe ground movements surface waves
5. Seismic waves that move the slowest surface waves
6. Seismic waves that move about $\frac{1}{2}$ the speed of P waves S-waves
7. Waves that vibrate the crust side to side and up and down are called S-waves

Name : _____

Venn diagram

Richter

Mercalli

