

Name _____ Date _____ Block # _____

Intro to Earthquakes/Body Waves

Read each of the following statements. Decide if the statement is True or False.

1. All waves can travel through all of the Earth

2. Scientists usually know where an earthquake is likely to happen.

3. S-waves cause more damage than P-waves

4. The correct sequence of events in an earthquake is: friction/pressure, bending of the land, friction is released **in** the earthquake, the land snaps back straight but offset.

5. The epicenter is always above the focus.

6. The name of the idea on how earthquakes happen is called rigid rebound.

7. The fault is a single spot while the focus is a line or crack in the rock.

8. S-waves only travel through solids.

9. Earthquake waves bend and change speed when they come to different density materials.

10. The p-wave has the energy moving in a zig-zag motion.

11. The s-wave is the fastest wave.

12. Seismology is the study of earthquakes.
