

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.  
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