

Name: _____	Date: _____	Period: _____
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Earthquake Early Warning - Student Sheet

Earthquake Basics

An earthquake is _____ _____
It's caused by _____ _____ _____

Earthquakes are Waves of Energy

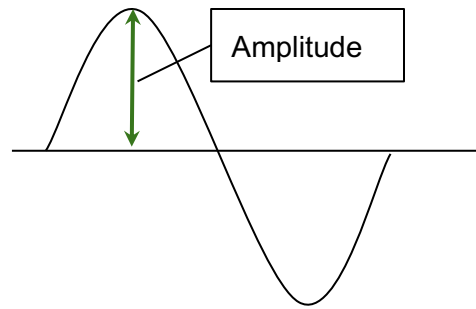
Seismic waves are _____ _____ _____

P-waves move _____ _____ _____ _____ Their speed is _____ _____	<i>My model of a p-wave</i>
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S-waves move _____ _____ _____ _____ Their speed is _____ _____	<i>My model of an s-wave</i>
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Seismic Waves with Different Amounts of Energy

Wave amplitude is _____



Draw a wave with a low amplitude.

Draw a wave with a high amplitude.

How does the amplitude of the wave affect the amount of shaking?

The greater the amplitude, the _____ the shaking. My evidence is _____

How does the amplitude of the wave change as you get further from the earthquake?

The further you are from the spot the earthquake started, the _____ the amplitude becomes. My evidence is _____

Key Things to Remember

The key things I need to remember to stay safe if there's an alert or if I feel shaking are

The most important thing I learned that I will share with my family is _____
