

Flashcards for:	<i>Earthquakes & Volcanoes</i>		
Earthquakes cause deaths in sloping areas by	Landslides	The only part of the seismometer that DOES move	The frame
Scale based on fault rupture	Moment Magnitude Scale	A measure of the damage done by an earthquake	Intensity
Fragments thrown up into the air during an eruption	Tephra	A vertical pluton	A dike
The top of the volcano collapses into the magma chamber	Caldera	An earthquake wave that causes a shadow zone	P-wave or (primary wave)
Wave that does not pass through the Earth's interior at all	Surface wave	What do you get if you plot the earthquake epicenters?	You find seismic belts
The quake scale based on Intensity (or the damage done)	Modified Mercalli Scale	Earthquake wave where rocks move in the same direction as the wave travels	Compressional or P-wave
This is formed when a quake causes vertical motion of the SEAFLOOR	Tsunami	Any intrusive igneous body of rock	Pluton
The vent at the top of the volcano	Crater	An earthquake wave the IS refracted by the core	P-wave Primary wave
After a quake occurs, what is the order of the seismic waves?	P, then S, then Surface Also called the L-wave	Volcanoes occur along	Convergent boundaries
A fault with horizontal compression	Reverse fault	Structural failure of buildings related to height	Occurs because quakes cause building to sway
The part of the seismometer that does NOT move during an earthquake	The suspended mass (with the recording pen)	How many seismic stations are needed to locate an epicenter	Three
Scale based on quake magnitude (largest wave)	Richter Scale	Ash, lapilli, and volcanic bombs are all types of ...	Tephra
A horizontal pluton	A sill	Place where lava erupts through an opening	Vent
Vents, craters and calderas are all features of	Volcanoes	Earthquake wave that does not pass through the core	S-wave (secondary wave)
A fault like the San Andreas	Strike-slip fault	This occurs when higher floors collapse on the ground floors	Pancaking
This occurs when structures sink into the ground during a quake	liquefaction		