

# Earthquakes and Volcanoes Notes

Earthquakes	<p>Earthquakes are the _____ of the ground caused by the sudden _____ of large chunks of rock along a fault.</p> <p>A _____ is a _____ in the Earth's surface _____ builds up along the _____ lines until the rocks slip past each other _____ the energy.</p> <p>The _____ of the earthquake is _____ to the amount of stress built up and the distance the rocks _____ past each other.</p> <p>The _____ Scale measures the _____ of earthquakes</p> <p>The _____ from an earthquake moves through the ground in _____. The closer to the epicenter the _____ it feels.</p> <p>The _____ for earthquakes comes from the heat _____ the Earth.</p> <p>Types of Faults</p> <ul style="list-style-type: none"><li>▣ _____ - The earth moves _____.</li><li>▣ _____ - The earth _____ into itself.</li><li>▣ _____ - The earth moves a _____ itself.</li></ul> <p>The _____ comes from the _____ of liquids under pressure. The heat comes from nuclear _____ deep in the Earth's core.</p>
Volcanoes	<p>Volcanoes are formed along _____ plate boundaries and over _____ which are areas where the Earth's _____ is thin.</p>

About \_\_\_\_\_ of all the Earth's active volcanoes are in an \_\_\_\_\_ known as the \_\_\_\_\_ which surrounds the Pacific Ocean.

Volcanoes are \_\_\_\_\_ stress of the earth the same as earthquakes. The \_\_\_\_\_ is that magma comes to the surface.

**Cinder cone** - \_\_\_\_\_ sided volcanoes - Draw a simple diagram below

**Shield** - broad and \_\_\_\_\_ volcanoes - Draw a simple diagram below

**Composite** - \_\_\_\_\_, combination of the other 2 \_\_\_\_\_ of volcanoes. Draw a simple diagram below.