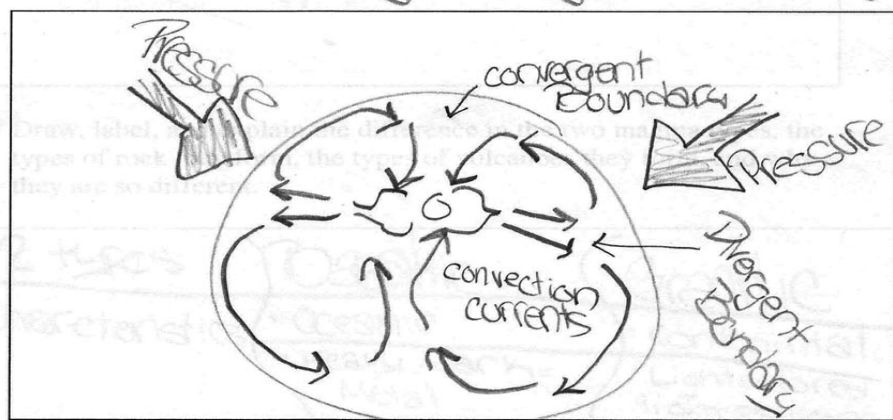


3. Draw, label, and explain what is the currently accepted scientific reason for the movements of the earth's crust. Include at least two different tectonic boundary types.

There are different amounts of pressure on the Earth (mostly on water). That pressure makes hot spots near the core of the Earth. Then the hot spots become convection currents moving the tectonic plates, making divergent & convergent boundaries.



4. Draw a picture of, label, and explain how scientists are able to triangulate distances to earthquakes using three seismograms taken at three different locations.

You take three seismogram readings and measure the time between the P & S waves. When you have a short time lag, that means that when you map it you will have a small circle. You map 3 circles & where the circles all meet that's the epicenter.