**Tectonic Processes**

References-

1. Chasmer Pg. 157-162, 163-169, 183-191

2. Smythe Pg. 80-87, 99-108, 146-149

Rock Types-using your text book make point form notes on the

1. a. Three types of Sedimentary rock-give two examples of each

 b. What type of rock do sand grains become?, Grains of clay?

2. Metamorphic rock-describe the process

 b. What type of metamorphic rock is formed by the transformation of

 sandstone, limestone, shale

3. Igneous rock-describe the process

 b. Give two examples of Intrusive and Extrusive Igneous rock

4. Using the diagram below give the names of the numbered features.

 Chasmer-Pg. 183 Smythe Pg. 108



5. Using a basic chart or point form notes show understanding of the following igneous rocks. Describe the following for each-

-how they are formed, appearance(light or dark, visible or tiny crystals),

 acidity, intrusive or extrusive

Granite, Andesite, Basalt, Obsidian, Pumice

-use the chart in Smythe

6. With the aid of a diagram describe the formation of

a. geysers b. hot springs

Identify at least two place in North America where geothermal activity takes place.