Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: 1 2 3 4 5 6

**Earth Science - Unit 10 Study Guide**

1) A magma’s viscosity is directly related to its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_?

2) What factors determine whether a volcanic eruption will be violent or relatively quiet?

3) Define:

“aa” –

“pohoehoe” –

pyroclastic material –

caldera –

intraplate volcanism -

4) What does the VISCOCITY of lava do when the temperature decreases? When the temperature increases?

5) What type of volcano is built almost entirely from ejected lava fragments?

6) What type of volcanoes are in Hawaii? (composite, shield, cinder cone, or pyroclastic?)

7) What type of land form develops when an oceanic plate decends beneath another oceanic plate?

1. What type of rock comes from Volcano's?
2. What type of plate boundaries cause Volcano’s?