



Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

5. How is viscosity associated with magma? How does this affect eruptions?
6. Along what type of plate boundary do we tend to have volcanoes with the most explosive eruptions?
7. In an explosive eruption, along with lava flowing out of the volcano, pyroclastic material gets ejected. What are pyroclastic materials and how can it negatively affect the environment?
8. Draw and describe the basic anatomy of a volcano. What are some other features that may form in and around the volcano when magma oozes out or after an eruption?
9. There is much more to magma than just the formation of volcanoes and erupting from volcanoes. The magma can also intrude into the existing rock and harden creating plutons. What types of plutons can form and how are they classified?

10. In the following picture, label the different types of plutons.

