**Geochemistry II**

**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ April 9, 2019**

1. **What is an igneous rock?**
2. **What environments are igneous rocks created in?**
3. **Name two types of Igneous Rocks**

**1)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **What are the differences between the two types of igneous rocks?**
2. **Where are they found?**

**Type 1\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Type 2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. **Fill in the blank**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rocks make up \_\_\_\_\_% of the top 16 km of Earth’s crust by volume.**

1. **The age of igneous rock can be determined by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**
2. **What are intrusive rocks?**
3. **What are extrusive rocks?**
4. **How are igneous rock classified?**

 **11)List the common elements found in igneous Rocks**