**Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Period\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Unit 4 Geology Review**

**Volcanoes and Other Igneous Features**

1. **What kind of magma will have a high viscosity?**
2. **Which type of magma has the HIGHEST silica content? LOWEST?**
3. **What type of lava resembles braids in ropes?**
4. **Which type of pyroclastic material is pea-sized?**
5. **If a summit’s depression is greater than 1 km in diameter, it is known as a:**
6. **What are characteristics of shield volcanoes?**
7. **Which type of volcano has the most violent eruption?**
8. **Cinder cones have what type of opening?**
9. **How many potentially active volcanoes are there in the Cascades of the Northwest US?**
10. **A deadly pyroclastic flow is called:**
11. **Volcanic mudflows are called:**
12. **A volcanic landform that is associated with explosive eruptions of gas-rich magma is called:**
13. **Short links that connect the magma chamber to the surface are called:**
14. **What are the pulverized, rock, lava, and other fragments ejected from the vent of a volcano called?**
15. **The largest intrusive igneous feature is called:**
16. **At what plate boundary(ies) can volcanoes forms?**
17. **Intraplate volcanism can result in hot spots and form places like:**
18. **Most rocks in continental settings are:**
19. **Which volcanoes are smallest in size?**
20. **The surface opening connect to the magma chamber is called:**
21. **Why type of lava is most closely associated with mild eruptions?**
22. **Most of the dissolved gases in volcanoes include:**
23. **Underground rock bodies are called:**
24. **When igneous activity occurs at spreading centers, large quantities of this type of magma are produced.**
25. **Stratovolcano is another name for which type of volcano?**
26. **What is the difference between a dike and sill?**
27. **What is a laccolith?**
28. **What are the factors that affect the intensity of volcanic eruptions?**
29. **Describe the different types of pyroclastic debris**
30. **What is a volcanic neck?**
31. **Where do most volcanoes occur?**
32. **What are the ways that magma can be formed?**