

This assignment is due on _____

Period _____

Read pages 216 – 219, 221 – 227, and 230 – 232 in your textbook.

1. Along which four kinds of plate boundaries are most volcanoes found? Please use the names that we use in class. Your textbook just calls them spreading and colliding boundaries. (1 point)

2. Along the two spreading boundaries through what feature does the magma come to the surface? (1 point)

3. Along the two colliding boundaries how is the magma formed? (1 point)

4. Not all volcanoes are found on plate boundaries. Where else can volcanoes form? (1/2 point)

5. In which of Earth's layers does magma form? (1/2 point)

6. What is the difference between a pipe and a vent in a volcano? (1 point)

7. What role do gases play in a volcanic eruption? (1 point)

8. What is an example of a quietly erupting volcano and what kind of lava does it have? (1 point)

9. What is an example of an explosively erupting volcano and what kind of lava does it have? (1 point)

10. What materials make up a pyroclastic flow? (1 point)

11. Why are Mt. Lassen and Mt. Shasta classified as active volcanoes by the textbook? (1 point)

12. What kinds of eruptions do shield volcanoes produce? (1/2 point)

13. Why do shield volcanoes have gently sloping sides? (1 point)

14. Of what materials is a cinder cone formed? (1 point)

15. Composite volcanoes are also called strato volcanoes as they can be quiet high for their width. Why is the name composite very descriptive for how these volcanoes are built? (1 point)

16. Why would calderas only be found on composite (strato) volcanoes where as craters can be found on all volcanoes? Think about the kind of eruptions that happen with composite volcanoes. (1 point)