

Name: _____

Pd: _____

Date: _____

Volcano Review

1. What is a volcano?
2. Complete the following table on volcano types

	Shield Volcano	Cinder Cone	Composite Cone	Hot Spot
Size of volcano				
Describe the sides of the volcano				
Type of eruption				
Type of Boundary the volcano is formed at				

3. Match the feature of the volcano to the correct description
 - a. Crater _____ underground pockets of molten rock that feeds the volcano
 - b. Caldera _____ a very large crater that forms from erosion or explosion
 - c. Vent _____ normal, relatively small depression at the volcano's peak
 - d. Magma chamber _____ areas where lava or debris escapes from the volcano

4. Name the two factors that affect the violence of an eruption.

a. _____

b. _____

5. The more _____ the lava, the more _____ the eruption.

6. The more gasses dissolved, the more _____ the eruption.

7. Complete the Lava Flow Table

	AA	Pahoehoe
Temperature		
Type of lava		
Speed it moves		

8. Match the type of volcanic hazard with the correct description

- a. Tephra _____ The most damaging form of tephra b/c of its weight as it builds up
- b. Lapilli _____ any debris that comes from a volcano
- c. Bombs _____ football sized pieces of rock that travel very fast
- d. Ash _____ an avalanche of superheated gas and rock made as hotter more dense lava erupts from the volcano
- e. Pyroclastic Flow _____ pebbles, no more than several centimeters in diameter
- f. Lahar _____ dense, rapid mudflows created as water mixes with ash

9. These two different volcanic hazards are so dangerous because one can dissolve organic material and metals and because the other hazard is colorless and odorless so people do not know it is present in the air. What are the two hazards?

10. Explain how volcanoes can benefit humans.

11. Identify the type of volcano from its description

- a. _____ this volcano has been eroded
- b. _____ this volcano has erupted in recent history
- c. _____ this volcano has erupted in the past several thousand years