

GEOL 15 Activity 9 VOLCANO!

Name: _____ Date: _____

.1. A volcanic rock that, in general, is dark, dense, fine-grained and usually builds shield volcanoes is:

- a. andesite b. basalt c. rhyolite d. gabbro

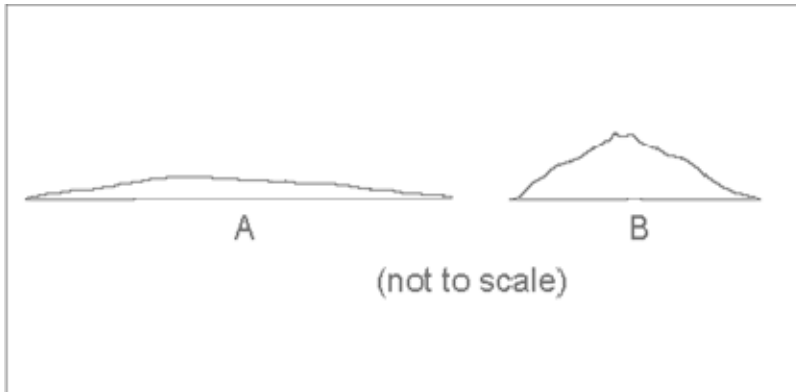
.2. A magma that, in general, can be defined as having high silica (SiO_2), high water (H_2O), low temperature, and high viscosity and is explosive is a(n):

- a. andesite b. basalt c. rhyolite d. gabbro

.3. A hot, gas-cushioned pyroclastic flow that races down the flanks of volcanoes is referred to as a lahar.

- a. true b. false

The following two questions pertain to the figure of volcanic centers below



.4. Volcanic center "A" is a

- a. caldera b. cinder cone c. shield volcano d. stratovolcano

.5. Volcano "B" represents a type of volcano that is found along subduction zone margins and can reach an elevation of over 14,000 ft. This kind of volcano is typically composed of:

- a. rhyolite b. basalt c. cinders d. andesite

.6. List 4 (2 eruptive and two non-eruptive) volcanic hazards and the relative distance from the volcano that they affect people.

.7. What are the warning signs of an eruption?