

1. Which of the following is an opinion about volcanic activity?

- A. Volcanoes are made of hardened lava
- B. A large number of volcanoes can be found along the edge of the Pacific Ocean
- C. The 1991 eruption of Mt. Pinatubo was the scariest volcanic event in history
- D. Shield volcanoes can actually create new land

2. Subduction zones occur at the boundaries between:

- A. Nations
- B. Oceans
- C. Plains and forested lands
- D. Tectonic plates





3. What might happen if a major volcanic eruption occurred every year?

- A. Global temperatures might rise by several degrees
- B. The earth's crust might be depleted of rocks
- C. Global temperatures might cool by several degrees
- D. Nothing out of the ordinary

4. Why are the eruptions of stratovolcanoes usually more destructive than the eruptions of shield volcanoes?

- A. Magma in stratovolcanoes contains more gas
- B. Lava flows out of several openings in stratovolcanoes
- C. Stratovolcanoes erupt more frequently
- D. Magma in stratovolcanoes is hotter

5. The lava from a stratovolcano is viscous. Which image represents a viscous substance?

- A. 
- B. 
- C. 
- D. 

6. Hotspot volcanism is likely to be found near:

- A. The Ring of Fire
- B. Mid-ocean ridges
- C. Both the Ring of Fire and mid-ocean ridges
- D. Neither the Ring of Fire nor mid-ocean ridges

7. Which statement about dormant volcanoes must be true?

- A. They can never erupt again
- B. They have not erupted for a very long time
- C. They will erupt within the next 12 months
- D. They were formerly stratovolcanoes

8. Which term best describes the landmass of Hawaii's big island?

- A. Increasing
- B. Constant
- C. Diminishing
- D. Disappearing

9. Which of the following is a major challenge to volcano preparedness?

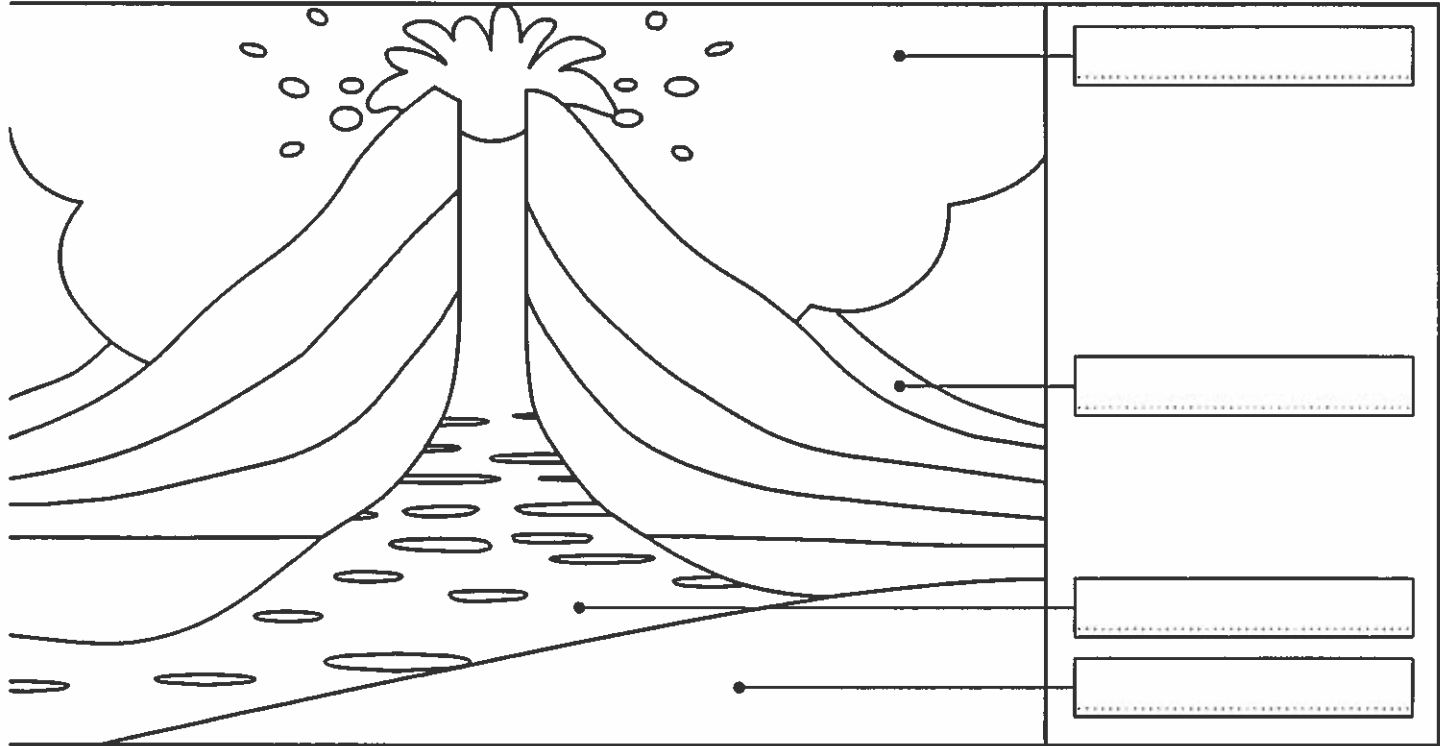
- A. Volcanoes are located far from inhabited areas
- B. Eruptions are unpredictable
- C. Flowing lava is impossible to outrun
- D. Disaster kits are not useful in the event of an eruption

10. Which of the following countries lies along the Ring of Fire?

- A. South Africa
- B. Norway
- C. Japan
- D. Iran

VOLCANOES

LABEL IT



FILL IN THE BLANK Complete the sentences using words from the word bank.

CLIMATE RING OF FIRE DORMANT MAGMA HOT SPOTS LAVA

1. A chain of volcanoes circling the Pacific Ocean is called the
2. is molten rock inside a volcano. is molten rock on Earth's surface.
3. The Hawaiian Islands are a chain of volcanoes that formed over
4. Ash clouds from large eruptions can cause global change.
5. A volcano that hasn't erupted in a long time may be