

Name _____ Date _____

Instructions: Read each question carefully and choose the best answer.

1. What are two details that support the main idea of the section titled "Shield Volcanoes"?
 - Ⓐ Shield volcanoes have smooth mountain slopes and steady, gentle eruptions.
 - Ⓑ Shield volcanoes often have cinder cones and lava domes.
 - Ⓒ Shield volcanoes are tall, snow-capped mountains with explosive eruptions.
 - Ⓓ Shield volcanoes have craters with lakes in them.
2. What is the main idea of the section titled "Cinder Cones and Lava Domes"?
 - Ⓐ Some volcanoes are not active enough to form large mountains, but create cinder cones and lava domes.
 - Ⓑ Cinder cones erupt only once, and lava domes have violent eruptions.
 - Ⓒ Lava domes often form in areas with other volcanic activity.
 - Ⓓ Cinders pile up around the vent into cone-shaped hills.
3. What volcanic features sometimes occur inside the craters of active volcanoes?
 - Ⓐ cinder cones
 - Ⓑ lava domes
 - Ⓒ calderas and cinder cones
 - Ⓓ cinder cones and lava domes
4. Volcanoes form when _____.
 - Ⓐ mountain chains create hot spots
 - Ⓑ magma from deep inside Earth breaks through the crust to the surface
 - Ⓒ the pressure from tall mountains melts rock and creates pools of magma
 - Ⓓ rocks grind together and create earthquakes
5. **Magma** is made of _____.
 - Ⓐ dust and ash
 - Ⓑ melted rock
 - Ⓒ trees and plants
 - Ⓓ oil and gas

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6. What is a **surge cloud**?

- Ⓐ a cloud of superheated gas, ash, and dust that moves quickly along the ground
- Ⓑ a fast-flowing river of molten lava
- Ⓒ a cloud that creates lightning surges
- Ⓓ all of the above

7. How are Hawaii and Yellowstone National Park alike?

- Ⓐ Hawaii and Yellowstone both are examples of composite volcanoes.
- Ⓑ Hawaii and Yellowstone both sit above a "hot spot."
- Ⓒ Hawaii and Yellowstone both have many volcanic geysers.
- Ⓓ Hawaii and Yellowstone both are tropical islands.

8. Which of the following are typical characteristics of composite volcanoes?

- Ⓐ steep sides
- Ⓑ large mountains
- Ⓒ bowl-shaped craters
- Ⓓ all of the above

9. What has resulted from large volcanic ash clouds?

- Ⓐ complete darkness around the world
- Ⓑ colder than usual summers far from the volcano
- Ⓒ floods caused by melted ice and snow
- Ⓓ all of the above

10. What does **dormant** mean?

- Ⓐ ready to explode
- Ⓑ inactive for a long time
- Ⓒ likely to form clouds made from volcanic ash
- Ⓓ unable to form lava domes

11. **Extended Response:** Explain the term "Ring of Fire." How do you think this term came to be used?

12. **Extended Response:** Write a brief summary of this book.

Quick Check Answer Sheet

Volcanoes

Main Comprehension Skill: Main Idea and Details

1. Ⓐ Main Idea and Details
2. Ⓐ Main Idea and Details
3. Ⓓ Main Idea and Details
4. Ⓑ Cause and Effect
5. Ⓑ Vocabulary
6. Ⓐ Vocabulary
7. Ⓑ Compare and Contrast
8. Ⓓ Main Idea and Details
9. Ⓑ Cause and Effect
10. Ⓑ Vocabulary
11. Answers will vary but should include ideas such as the following: *The Ring of Fire is a region around the edges of the Pacific Ocean. It is shaped like a ring and includes many active volcanoes.*
12. Answers will vary but should include ideas such as the following: *this book explains many things about volcanoes such as how and where volcanoes form, the differences between composite and shield volcanoes, and the different ways volcanoes erupt.*