

Volcanoes

Use your textbook to help you fill in the blanks.

What is a volcano?

1. A _____ is a mountain that builds up around an opening in _____ .
2. An _____ occurs when melted rock, gases, and pieces of rock are _____ of a volcano.
3. Gases that build up pressure in magma can cause an _____ .
4. Magma can rise through a _____ called a _____ .
5. Magma is called _____ once it reaches the _____ where it cools and hardens to form a _____ .

Where do volcanoes form?

6. When one Earth plate is pushed beneath another, the plate moving down melts and is changed to _____ .
7. Heated magma _____ up through Earth's crust to form _____ .
8. Volcanoes that form in the middle of a plate may occur when magma partially melts through Earth's crust in an area called a _____ .

What are some kinds of volcanoes?

9. A _____ has steep sides and is formed when gases in thick magma explode and cause lava to burst into the air.
10. When lava falls in pieces around the volcano, it forms a cuplike shape around the vent called a _____.
11. A _____ has wide, flat sides and is formed by layers of lava that flow _____.
12. A _____ is made up of layers of _____ and _____.
13. Eruptions seem to _____, with an _____ eruption followed by a quiet period when lava _____.
14. The layers of a composite volcano build up to form a _____ shape that is usually _____, with the shape of one side matching the shape on the other side.

How can you be safe around volcanoes?

15. If you live near a volcano, you should have a _____ available for each member of your family.
16. If told to do so, you should _____.
17. If you are indoors near an erupting volcano, close all _____ and make sure your _____ are inside.

Summarize the Main Idea

18. How does a volcano cause sudden changes to Earth's surface?
