

Earthquakes and Volcanoes

Choose the correct answer.

1. Which of the following occurs when the Earth's crust moves as blocks of the Earth abruptly slip past one another?

☐



Volcano

☐



Earthquake

2. Which of the following occurs when a rupture on the crust of the Earth allows hot lava, volcanic ash, and gases to escape from below the surface?

☐



Volcano

☐



Earthquake

3. Which of the following is a break in the rocks that make up the Earth's crust?



☐ Fault

☐ Rupture

4. Which of the following best defines the plates of the Earth?



- ☐ Plates are parts of the Earth's crust that are broken up into huge, thick areas of rock that drift atop the soft mantle below the crust.
- ☐ Plates are parts of the Earth's core that are broken up into huge, thick areas of rock that drift atop the hard crust of the surface.

5. Which of the following is measured by using a seismograph?



Volcanoes



Earthquakes

6. Which of the following types of volcanoes are circular and oval and are very explosive?

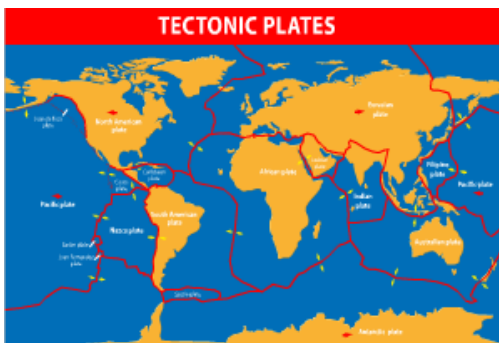


- ☐ Lava dome
- ☐ Cinder cone
- ☐ Shield
- ☐ Composite

7. Over 450 active volcanoes line the rim of the Atlantic plate, which is called the Ring of Fire.

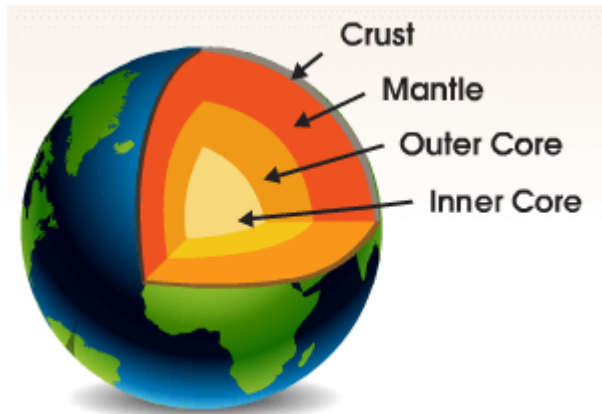
- ☐ True
- ☐ False

8. The surface of the Earth is mainly divided into how many tectonic plates?



- ☐ 3
- ☐ 7

9. Which of the following is the deepest area below the Earth's surface?



- ☐ core
- ☐ crust
- ☐ mantle

10. Which of the following types of volcanoes are flat and are shaped like a bowl with lava flowing down the side?



- ☐ Lava dome
- ☐ Cinder cone
- ☐ Shield
- ☐ Composite

11. Which of the following types of volcanoes are formed when lava is too thick to flow?



- ☐ Lava dome
- ☐ Cinder cone
- ☐ Shield
- ☐ Composite

12. Which of the following types of volcanoes are circular and oval and are very explosive?



- ☐ Lava dome
- ☐ Cinder cone
- ☐ Shield
- ☐ Composite

13. Which of the following may be caused by an earthquake occurring in the ocean?

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Tsunami

☐



High tide

14. On which one of the following continents is the Great Rift Valley located?

☐



North America

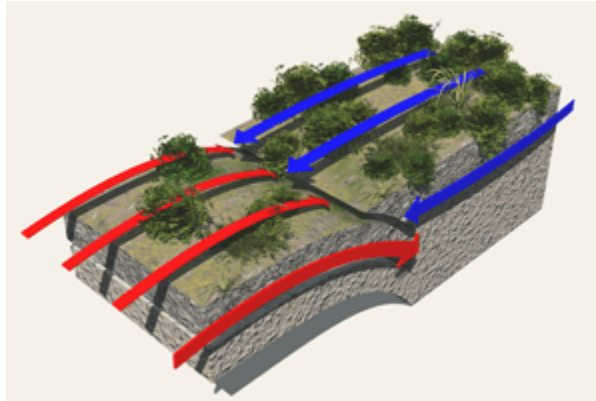
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Africa

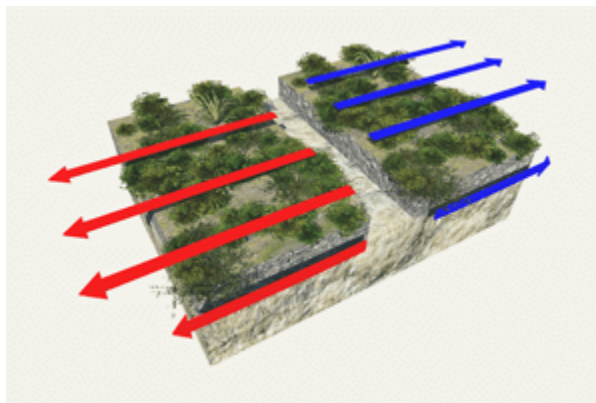
15. The San Andreas Fault zone in California is an example of which type of tectonic plate boundary?

☐



Divergent

☐



Transform