

Name: _____ Date: _____

Multiple Choice

Fill in the circle next to the correct answer.

1. Which is true about oceanic crust?

- A It is composed of aluminum-rich minerals.
- B It is thicker than continental crust.
- C It is less dense than continental crust.
- D It is denser than continental crust.

2. What element dominates Earth's core?

- A iron
- B aluminum
- C silicon
- D carbon

3. Why is the crust the outer layer of the planet?

- A It is the densest layer.
- B It is the thinnest layer.
- C It is the least dense layer.
- D It is the thickest layer.

4. At which type of plate border will a trench most likely form?

- A divergence between two continental plates
- B divergence between two oceanic plates
- C convergence between two continental plates
- D convergence between a continental plate and an oceanic plate

5. Where does new ocean crust form?

- A convergent boundaries
- B transform boundary
- C subduction zone
- D rift zone

6. Which of the following provides evidence of plate tectonics?

- A The climates in all of the continents are the same.
- B Fossils in Africa are similar to fossils in South America.
- C The coastline shapes of the continents do not fit together.
- D Rock beds found in South America and Africa are very different.

7. At which type of fault does the hanging wall move up?

- A transform
- B normal
- C reverse
- D transvergent

8. What type of boundary forms between the North American and Eurasian Plates?

- A convergent
- B divergent
- C reverse
- D transform

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9. Which type of wave can only travel through solids?

A P-wave C S-wave
 B L-wave D B-wave

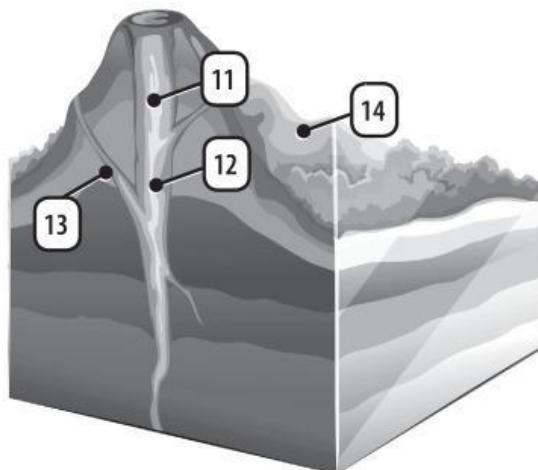
10. Which is a mixture of deadly gases and ash that race down the flanks of a volcano?

A lahar C ash
 B pyroclastic flow D volcanic bombs

Matching

Write the correct name for each part of the volcano.

11. _____
12. _____
13. _____
14. _____



Short Response

Read the item carefully. Write your answer in the space provided.

15. Compare what happens when two continental plates collide with what happens when a continental plate collides with an oceanic plate. Use the following terms in your answer: *convergent, plate, and magma*.
