

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

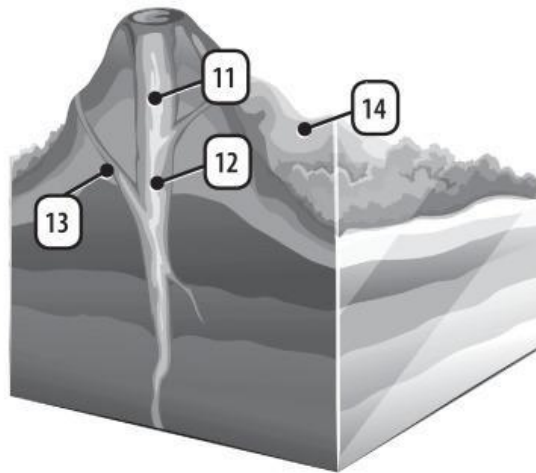
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9. Which type of wave can only travel through solids?
- ☐ A P-wave ☐ C S-wave
- ☐ B L-wave ☐ D B-wave
10. Which is a mixture of deadly gases and ash that race down the flanks of a volcano?
- ☐ A lahar ☐ C ash
- ☐ B pyroclastic flow ☐ D volcanic bombs

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*.
