

Ocean Floor BP Questions

1. Why is much of the ocean floor so difficult to see?

- a. Water distorts our view of the ocean floor
- b. Sunlight cannot reach that far down
- c. The ocean floor is buried under ash from volcanic eruptions
- d. The ocean floor is covered in seaweed and other forms of plant life

2. Where might you find the end of a continental shelf?

- a. About 15 miles off the coast of California
- b. About 15 miles off the coast of Florida
- c. In the exact center of the Pacific Ocean
- d. Where the Gulf of Mexico meets the shore

3. A continental slope is most similar to which land feature?

- a. A valley
- b. A mountain
- c. A beach
- d. A cliff

4. An abyssal plain is most similar to which land feature?

- a. A mountain
- b. A prairie
- c. A valley
- d. A canyon

5. In the movie, Tim says that ocean currents deposit sediment on the ocean floor. What is sediment? Choose the best answer.

- a. Seaweed
- b. The bodies of dead ocean creatures
- c. Rocks, dirt, sand, and pieces of organic material
- d. A type of coral

6. What part of the Earth makes up the seafloor?

- a. The crust
- b. The mantle
- c. The core
- d. The mesosphere

7. How are divergent boundaries between tectonic plates different from convergent boundaries?

- a. Plates move north at divergent boundaries, and south at convergent boundaries.
- b. Plates move downward at divergent boundaries, and upward at a convergent boundaries.
- c. Plates move apart at divergent boundaries, and come together at a convergent boundaries.
- d. Plates form trenches at divergent boundaries, and mountains at convergent boundaries.

8.



Where might you find an undersea volcano?

- a. In a mid-ocean ridge
- b. In an abyssal plain
- c. In a trench
- d. On a continental shelf

9. What happens to oceanic plates at convergent boundaries?

- a. One is forced underneath the other to form trenches
- b. They move in opposite directions
- c. They get bigger as new crust is formed
- d. They push against each other to form ridges

10. Place the following events in sequence: A) A volcanic island emerges; B) A seamount is formed; C) A volcano begins erupting

- a. B, A, C
- b. B, C, A
- c. C, A, B
- d. C, B, A