

11. Tectonically speaking, what is occurring at trenches?

---

---

12. Subduction causes most of the worlds volcanoes and earthquakes. Which ocean basin will have the most volcanic and seismic (earthquake) activity? \_\_\_\_\_

13. What is the name of the large North Atlantic island located on the divergent boundary? \_\_\_\_\_

14. What will happen to the future size of the North Atlantic island mentioned in #13? \_\_\_\_\_

15. Along which type of plate boundaries will oceanic crust be destroyed? \_\_\_\_\_

16. As plates slide past each other laterally they form transform faults . Where on the North American continent is this evidenced? \_\_\_\_\_

17. Where in the ocean do you find transform boundaries? \_\_\_\_\_

18. Millions of years from now, will Los Angeles be a suburb of San Francisco or San Diego? Why?

---

---

19. Make a list of seven landforms, features, and phenomenon that are associated with plate boundaries.

A. \_\_\_\_\_ E \_\_\_\_\_

B. \_\_\_\_\_ F \_\_\_\_\_

C. \_\_\_\_\_ G \_\_\_\_\_

D. \_\_\_\_\_