1. The lithosphere is believed to be broken into pieces called …
2. The deeper you travel towards the center of the Earth, both the pressure and temperature …
3. When two tectonic plates collide one of the plates sinks beneath the other because it is …
4. The deeper into the Earth you travel the density and pressure both …
5. The asthenosphere is the plastic like layer of the mantle, it is known for its…
6. The process that continually adds crust to the ocean floor is called …
7. About 250 million years ago all of Earth’s continents formed a super continent called …
8. When two plates collide a \_\_\_\_\_\_\_\_\_ boundary is formed.
9. Name the layers of Earth from hottest to coolest.
10. When heat is transferred through a fluid \_\_\_\_\_\_\_\_\_\_\_\_\_\_ occurs.
11. When oceanic crust is forced down into the mantle \_\_\_\_\_\_\_\_\_\_\_ occurs.
12. What is the main type of rock that makes up the continental crust?
13. Typically, when oceanic crust and continental crust collide, the oceanic crust is forced below the continental crust. Why?
14. Most geologists believe that the movement of Earth’s plates is caused by …
15. Plate tectonics is mostly movement in Earth’s …
16. A boundary where plates seem to slide past each other is known as a…
17. A collision between two pieces continental crust typically produces what landform?
18. When a liquid is heated, the less dense liquid rises to the top and the more dense liquid is pulled down by…
19. What creates Earth’s magnetic field?
20. The lithosphere is made of what two layers of Earth?
21. Convection currents are said to be in the …
22. Why did most scientists reject Wegner’s theory of continental drift?
23. The theory that states that the lithosphere is broken into pieces and those pieces are in constant motion is known as …
24. A volcano that is likely to erupt is considered …
25. After an earthquake, energy is released in the form of …
26. Typically, faults occur along…
27. A fault where the plates slip and slide past each other is known as a…
28. Tension is a type of stress that creates a \_\_\_\_\_\_ fault.
29. A volcano that is not active but, may erupt again in the distant future is said to be…
30. A belt of major volcanoes that circles the Pacific Ocean is known as…
31. What type of stress occurs at a convergent boundary?
32. The Mid-Ocean ridge is an example of what type of boundary?
33. What is an example of a hot spot?
34. What type of stress creates a reverse fault?
35. A volcano that is believed to never erupt again is called…
36. Reverse faults are created at \_\_\_\_\_\_\_ boundaries.
37. When two plates are forced apart at a divergent boundary, what type of stress occurs?
38. What actually causes the stress that makes rocks bend and break?
39. Any change in the volume or shape of the Earth’s crust is called a…
40. What geological event occurs when the energy is released along a plate boundary?
41. Which of the following statements is NOT true?
    1. volcanoes always occur before earthquakes
    2. small earthquakes can occur before large earthquakes
    3. volcanoes are created at plate boundaries
    4. earthquakes are created along plate boundaries
42. Convection currents in the mantle can produce which of the following?
    1. earthquakes
    2. plate movement
    3. trenches
    4. all of the above
43. Most earthquakes are caused by…
44. Which type of rock is formed by the cooling of magma under earth’s surface?
    1. lava
    2. magma
    3. granite
    4. basalt

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Scrambled Eggs Review:

Plate Tectonics, Volcanoes, and E arthquakes