

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_

## Continents Adrift

1. What are the 3 ways we see change in the earth?
2. What do South America and Africa show us?
3. What did Wegener find in South America and Africa?
4. What happens to explain the rock (how it is older farther away)?
5. What are the pieces of the earth called?
6. The theory of the earth's movement is called \_\_\_\_\_.
7. What are the 4 parts of the earth?
8. How fast are the plates moving?
9. Plates moving apart are called a \_\_\_\_\_ boundary.
10. Plates moving together are called a \_\_\_\_\_ boundary.
11. Plates sliding by each other are called a \_\_\_\_\_ boundary.

12. A \_\_\_\_\_ boundary is where plate material is being created.
13. A \_\_\_\_\_ boundary is where plate material is being destroyed.
14. The earth's crust is full of \_\_\_\_\_ called \_\_\_\_\_.
15. Earthquakes cause \_\_\_\_\_ waves.
16. Many active volcanoes form the \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_.
17. Most volcanoes occur near \_\_\_\_\_ boundaries.
18. Hawaii is over a \_\_\_\_\_ \_\_\_\_\_.
19. Mountain ranges are located near \_\_\_\_\_ boundaries.
20. Why can we find fossils on the tops of mountains?

Name \_\_\_\_\_

Date \_\_\_\_\_ Period \_\_\_\_

## Continents Adrift

1. What are the 3 ways we see change in the earth?

Earthquakes, volcanoes and mountains

2. What do South America and Africa show us?

Coastlines seem to join

3. What did Wegener find in South America and Africa?

Identical Fossils

4. What happens to explain the rock (how it is older farther away)?

Sea floor spreading

5. What are the pieces of the earth called?

Tectonic Plates

6. The theory of the earth's movement is called plate tectonics

7. What are the 4 parts of the earth?

Inner core, outer core, mantle, crust (lithosphere)

8. How fast are the plates moving?

1 or 2 inches a year

9. Plates moving apart are called a divergent boundary.

10. Plates moving together are called a convergent boundary.

11. Plates sliding by each other are called a transform boundary.

12. A divergent boundary is where plate material is being created.

13. A convergent boundary is where plate material is being destroyed.

14. The earth's crust is full of cracks called faults

15. Earthquakes cause seismic waves.

16. Many active volcanoes form the ring of fire
17. Most volcanoes occur near convergent boundaries.
18. Hawaii is over a hot spot19.
19. Mountain ranges are located near convergent boundaries.
20. Why can we find fossils on the tops of mountains?  
The mountains have moved over time