

Name: _____ Date _____ Period: _____

Interactives Dynamic Earth Website Questions

<http://www.learner.org/interactives/dynamicearth/index.html>

SC.7.E.6.5 Explore the scientific theory of plate tectonics by describing how the movement of Earth's crustal plates causes both slow and rapid changes in Earth's surface, including volcanic eruptions, earthquakes, and mountain building.

1. How do we know what the Earth looked like 250 m.y.a.?
2. Who first came up with the theory of the supercontinent called "Pangaea"?
3. When did the India landmass collide with Asia?
4. When was the modern plate tectonics theory widely adopted?
5. What is "Pangaea Ultima"?
6. How many tectonic plates are there?
7. What are the three plate tectonic movements?

Convergent Boundaries:

8. They can cause a chain of volcanic islands called _____.
9. How many people did the Asian Tsunami kill in December 2004?
10. How were the Himalayan Mountains formed?
11. What is a boundary?

Divergent Boundaries:

12. What is sea floor spreading?
13. How is a rift valley formed?

Transform Boundaries:

14. Where is the San Andreas fault located and how long is does it run?
15. Is Mt. Kilimanjaro a volcano?
16. How many large earthquakes have occurred in New Zealand with a magnitude 8 or higher over the last 900 years?
17. _____, _____, and _____ are caused by the slipping, sliding, and colliding of tectonic plates.

Score on final test: _____ Teacher's initials: _____