**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* What evidence did Wegener have for his theory of continental drift?
* Why was Wegener’s theory forgotten?
* Describe the location of tectonic plates and know the definition for tectonic plates.
* Why is Earth not growing in spite of sea floor spreading?
* How is the process of convection similar to a giant conveyer belt?
* Where do most earthquakes happen?
* Where are the oldest and youngest rocks found in relation to the mid ocean ridge?
* Who came up with the theory of sea floor spreading?
* Where does sea floor spreading happen?
* What material forms new ocean floor?
* Where is old crust melted back into magma?
* Describe the process of subduction
* What is the evidence for sea floor spreading?
* What other theories does plate tectonics combine with?
* How do plates move at a divergent boundary?
* An example of a transform boundary is called a **fault**. What is a fault?
* How do plates move at a transform boundary?
* What kind of plate boundary causes old and heavy crust (rocks) to sink into the mantle (subduction)?
* What kind of plate boundary results to the formation of a mountain range like the Himalayas and Appalachian Mountains?
* What kind of plate boundary results in the formation of a deep ocean trench such as the Marianas trench?
* What kind of plate boundary results to the formation of a fault line like the San Andreas fault in California?
* What kind of plate boundary causes sea floor spreading like the one causing the Atlantic Ocean to widen?
* What kind of plate boundary results in the formation of most volcanoes?