



Name: _____ #: _____

Subject: _____ Section: _____

Date: _____ HR: _____

Inside Earth WebQuest: Worksheet

Part 5: The Theory of Plate Tectonics

Site 1

What is the theory of plate tectonics?

What new information led to the theory of plate tectonics?

About how fast do the plates move in relation to each other each year?

What is it called when two plates meet?

Site 2

What are convergent boundaries?

What occurs when a continental and oceanic plate collide?

When an oceanic plate digs into Earth's hot interior, what occurs?

How were the Andes Mountains in South America formed?

Site 3

What are divergent boundaries?

Explain how volcanoes form in the central valley of a divergent boundary?

How much does the Atlantic Ocean widen per year due to divergent boundaries?

Site 4

What are transform boundaries?

What could happen to a stream bed that is split by a transform boundary?

Name one of Earth's most famous transform boundaries? Where is it located?

True or False? Do to transforming plates, Los Angeles will break away from California. Explain your answer.
