



Name: _____ #: _____

Date: _____

Section: _____ HR: _____

Chapter 2 Section 1: Earth's Crust in Motion

Stress in the Crust

earthquake -

Two powerful forces that change rock in Earth's crust are:

- _____
- _____

stress -

volume -

Types of Stress

shearing -

tension -

compression -

deformation -

Checkpoint (page 55)

How does deformation change Earth's surface?

Guide For Reading

How do the stress forces affect rock?

Kinds of Faults

fault -

strike-slip fault -

normal fault -

hanging wall -

footwall -

reverse fault -

Checkpoint (page 57)

What are the three types of fault? What force of deformation produces each?

Guide For Reading

Why do faults form and where do they occur?

Friction Along Faults

What is Friction?

What occurs when friction on a fault is low?

What occurs when friction on a fault is medium?

What occurs when friction on a fault is high?

Mountain Building

fault-block mountain -

How does the process of a fault-block mountain begin?

folds -

How does the compression of two plates cause an earthquake?

anticline -

syncline -

plateau -

Guide For Reading

How does movement along faults change Earth's surface?
