



Name: _____ #: _____

Date: _____

Section: _____ HR: _____

Chapter 2 Section 3 Study Guide: Earthquakes Hazards & Safety

Discover (page 72)

Can Bracing Prevent Building Collapse?

Think It Over

Predicting What effect did the fifth straw have? What effect would a piece of cardboard taped to the frame have? Based on your observations how would an earthquake affect the frame of a house?

How Earthquakes Cause Damage

liquefaction: _____

Figure 19 Posing Questions (page 73)

What are some questions people might ask before building a house in a area that is at risk for earthquakes?

aftershock: _____

tsunamis: _____

Guide For Reading

What kinds of damage does an earthquake cause?

Checkpoint (page 74)

What are the major causes of earthquake damages?

Making Buildings Safer

based-isolated building: _____

Figure 22 Inferring (page 76)

How does a base-isolation bearing absorb an earthquake's energy?

Guide For Reading

What can be done to reduce earthquake hazards?

Protecting Yourself During an Earthquake

What can be done do protect yourself and others during an earthquake?
