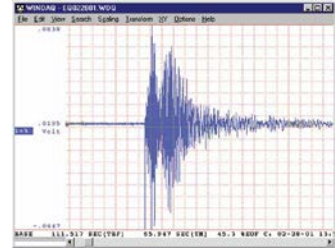


Name _____

Hour _____



Earthquakes and Tsunamis

Kobe, Japan Earthquake

What time? _____ A.M.

How long did it last? _____

Describe the damage: _____

What Causes Earthquakes?

List two facts from the video clip. _____

Measuring Earthquakes

Describe the waves:

P or Primary Waves (compression)

S or Secondary Waves (shear)

Which type of wave travels through the inner core? _____

_____ Magnitude

_____ Richter Scale

_____ Intensity

a) the amount of damage to property

b) unit of measure for an earthquake's energy

c) a measure of the amount of energy released by an earthquake

A major Earthquake has a magnitude of _____ or more.

Where do Earthquakes Occur?

You can't have an Earthquake without a _____.

What happens when crustal plates get stuck?

What does a creep meter do?

Which two major cities are at risk from the San Andreas fault? _____

When might the next major earthquake occur

Famous Quakes in History - List one fact for each

San Francisco 1906 _____

Nicaragua 1931 _____

Melfi, Italy _____

Fukui, Japan 1948 _____

India _____

Alaska, 1964 _____

Tangshan, China 1976 _____

Mexico City 1985 _____

Armenian Republic 1988 _____

Loma Prieta, California 1989 (list two facts for this one)

Can Future Earthquakes be Predicted?

Parkfield, California (list two facts from movie clip)

Could an Earthquake Happen in your Back Yard?

Does anything good ever come from an Earthquake? (list one fact from movie clip)

Tsunami Movie Clip #1 (list one fact)

Tsunami Movie Clip #2 (list one fact)

Tsunami Movie Clip #3

What is a Tsunami? _____

How are they formed? _____

Where do they occur? _____

Tsunami Movie Clip #4

How often do Tsunamis occur? _____

Tsunami Movie Clip #5

How can we protect ourselves against Tsunamis?

