

Name: _____

Earthquake Study Guide

Key Vocabulary

Earthquake	Epicenter	Fault(ing)	Focus
Mercalli Scale	L-Wave	P-Wave	S-Wave
Richter Scale	Seismograph	Tsunami	Magnitude
Density	Slippage	Core	Lag time
Amplitude	Seismologist	Latitude	Longitude

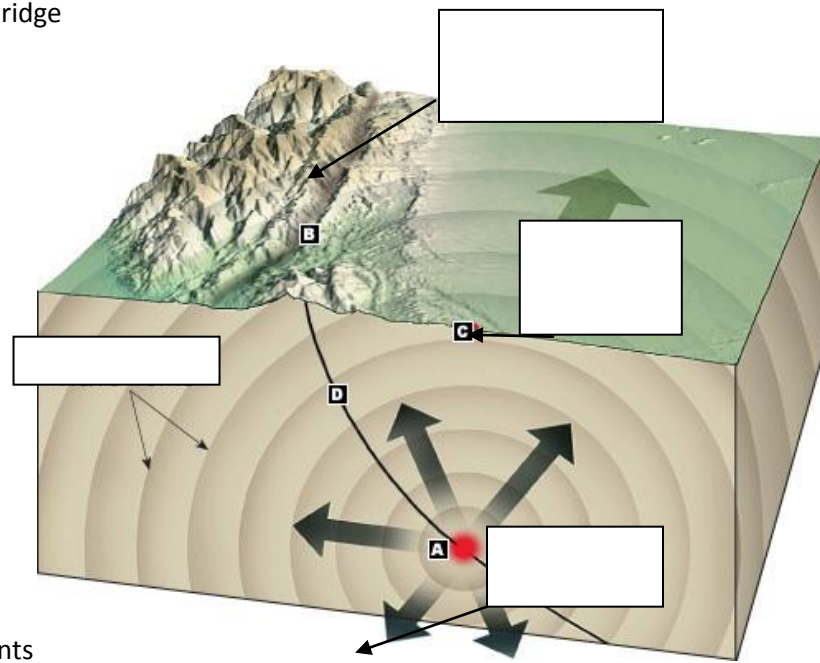
Key Concepts:

- Levels of Focus
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- 3 Major Earthquake Zones
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- How do we locate an epicenter?
 - _____ number of seismographs in different locations
 - Find the _____
 - 3 stations to do the process of _____
- Richter scale
 - Each number is _____ times greater than the previous value
 - A 5 on the Richter Scale is _____ times greater than a 3 on the scale?
- Damages during an earthquake
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 -
 -
- Explain Tsunami

- Signs of a possible Earthquake?
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8. Draw the 3 types of faulting:
 - a. External (Divergent)
 - b. Compressional (Convergent)
 - c. Transform

9. Big Quakes...what do you know?
 - a. Good Friday
 - b. Kobe
 - c. Northridge



10. Name the points
11. Draw a seismograph reading...
 - a. Locate the P-Waves, S-Waves, L-Waves, and how to tell the amplitude!