

VIDEO: "ULTIMATE EARTHQUAKE"

NAME: _____

1. Why were there so few people on the roads and bridges when the 1989 earthquake shook San Francisco?* (Use sentences to answer questions that have an asterisk*.)

2. * Explain how liquefaction caused San Francisco burned to the ground as a result of the 1906 quake.

3. What kind of plate boundary caused the 1985 earthquake that shook Mexico City?

4. *Why did certain parts of Mexico City sustain such severe damage during the 1985 quake? Be sure to tell why this material was deposited there.

The answer has nothing to do with "resonance".

5. *Why was it so unusual that there was an earthquake in Bhuj in 2001?

6. Which of the following (circle one) best explains the New Madrid Earthquakes of 1811-1812?

sliding plate boundary

zone of subduction

failed rift zone

7. *One side effect of the 1960 Chile quake was "subsidence". Explain what subsidence (not "subduction") is.

8. How many hours after the 1960 quake did the tsunami hit Hawaii? _____ Hours

9. *Why would a quake similar to the 1960 one cause more death and economic loss (destruction) in Chile if it were centered farther north along the zone of subduction?

10. *How would the "ultimate earthquake" in Chile cause death and destruction as far away as New Zealand, Hawaii, and Japan?