

Questions to Answer during the Video *Killer Quake*

1. What kind of damage occurred in Northridge? List the types of damage.
2. What kind of fault caused the Northridge Earthquake? Normal, Reverse/Thrust, Strike Slip, or Blind Thrust?
3. How much more energy was released in the 1906 San Francisco Earthquake (magnitude 7.5) when compared to the Northridge Earthquake (magnitude 6.7)?
4. How does the amount of shaking change the farther you go away from a fault?
5. What is seismology? What is paleoseismology?

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6. How does the duration (time) of shaking affect the amount of damage in an earthquake?
7. How does building design affect the amount of damage in an earthquake?
8. How does the ground type affect the amount of shaking in an earthquake?
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