

Name: _____

Date: _____

Earthquake Challenge

Complete the multiple choice activity.



- ___ 1. An instrument used to detect and record earthquakes.
a. ring of fire b. seismograph c. tsunami d. seismic waves
- ___ 2. A crack in the earth's surface along which movement takes place.
a. fault b. epicenter c. focus d. tectonic plates
- ___ 3. Used to measure the strength of earthquakes.
a. focus b. tsunami c. seismic waves d. Richter scale
- ___ 4. The point within the earth where an earthquake rupture starts.
a. subduction b. San Andreas c. San Francisco d. focus
- ___ 5. Large ocean wave created by undersea earthquakes or volcanic eruptions.
a. epicenter b. tsunami c. San Andreas d. Mexico
- ___ 6. The zone of earthquakes and volcanoes surrounding the Pacific Ocean.
a. focus b. subduction c. ring of fire d. tsunami
- ___ 7. The process of an oceanic plate colliding with and descending underneath a continental plate.
a. subduction b. focus c. Richter scale d. San Francisco
- ___ 8. Waves from an earthquake are known as these.
a. San Francisco b. ring of fire c. Richter scale d. seismic waves
- ___ 9. This country's capital city was devastated by an earthquake in 1985.
a. subduction b. Mexico c. Richter scale d. epicenter
- ___ 10. Fault that makes California an area of high risk for earthquakes.
a. San Andreas b. ring of fire c. tsunami d. seismograph
- ___ 11. The area of the earth's surface that is directly above the origin of an earthquake.
a. ring of fire b. San Francisco c. epicenter d. Richter scale
- ___ 12. This city experienced an earthquake in 1989 which postponed baseball's World Series.
a. Mexico b. San Francisco c. seismic waves d. San Andreas
- ___ 13. The large, thin, plates that move relative to one another on the outer surface of the Earth.
a. Mexico b. subduction c. tsunami d. tectonic plates