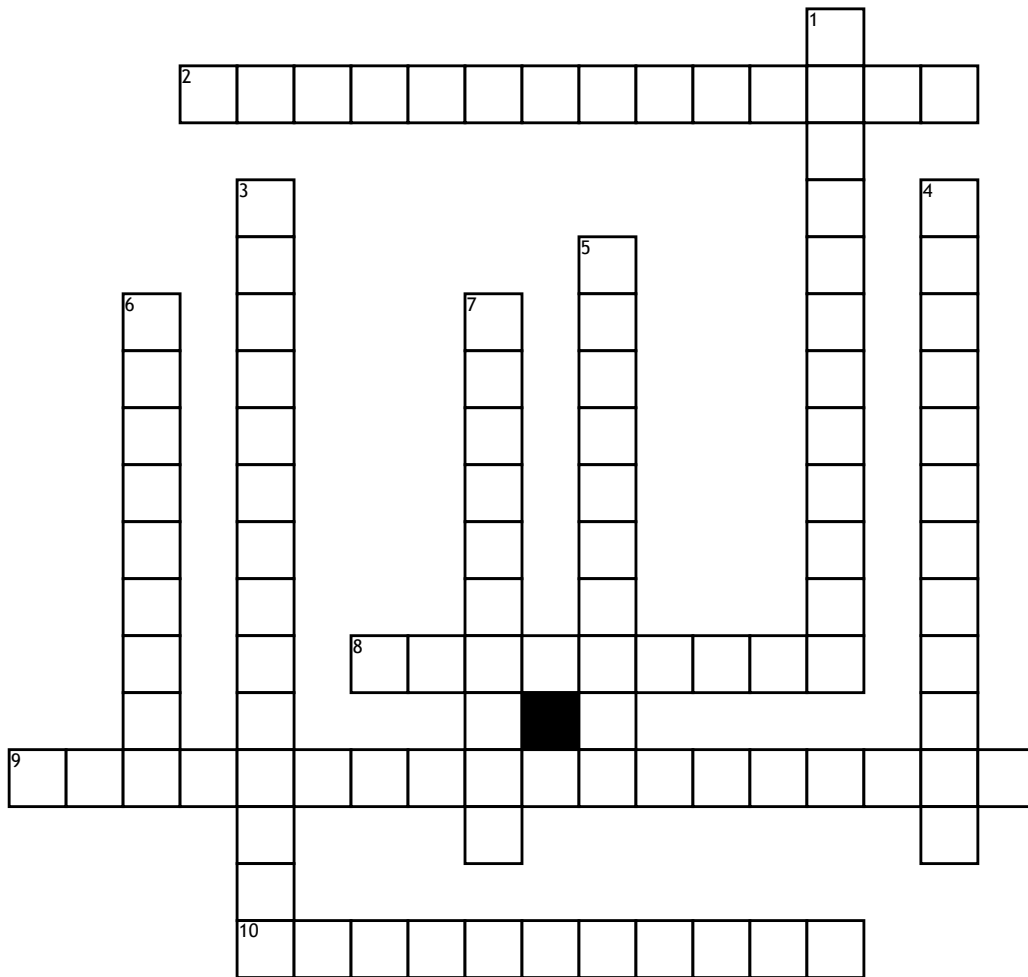


Name: _____ Date: _____ Period: _____

Earthquake #1



Across

2. A theory explaining the structure of the earth's crust.
8. A number that characterizes the relative size of an Earthquake.
9. Love waves and Rayleigh waves, Love waves have a horizontal motion that moves the surface from side to side perpendicular to the direction the wave is traveling. Of the two surface waves, Love waves move faster.
10. An instrument that measures and records details of earthquakes, such as force and duration.

Down

1. A numerical scale for expressing the magnitude of an earthquake on the basis of seismograph oscillations.
3. Seismic body waves meaning they travel through the Earth's interior.
4. The fastest kind of seismic wave, and, consequently, the first to arrive at a seismic station.
5. A path along the Pacific Ocean characterized by active volcanoes and frequent Earthquakes.
6. The point on the earth's surface vertically above the focus, point in the crust where a seismic rupture begins.
7. A device for measuring the movement of the earth.

Word Bank

Surface Waves 2 types
Ring Of Fire
Seismograph
primary waves

Richter Scale
Magnitude-
secondary waves

Epicenter
Plate Tectonics
Seismogram