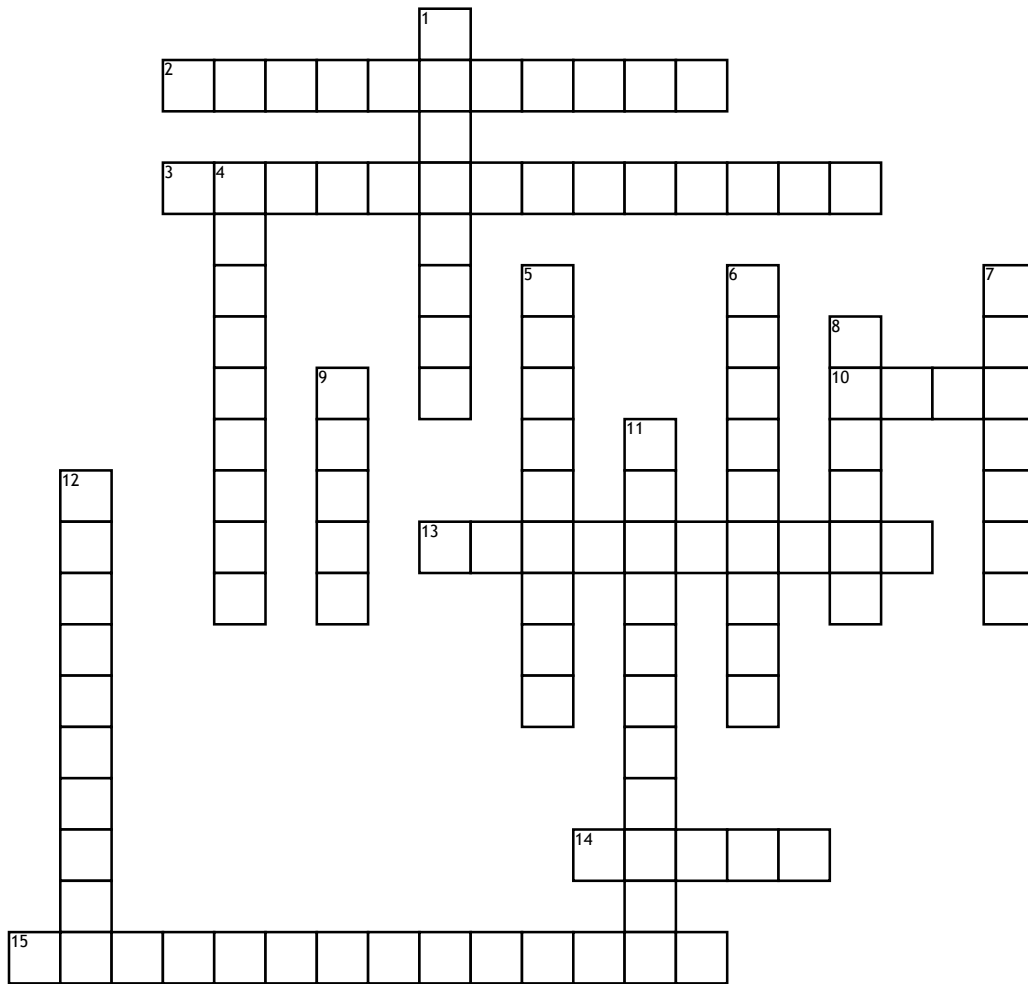


Name: _____

Earthquake



Across

- 2. Instrument used to measure and record the vibrations of seismic waves.
- 3. a piece of the lithosphere that moves around on top of the asthenosphere
- 10. A dropped zone where two tectonic plates are pulling apart.
- 13. A smaller earthquake that occurs after a larger earthquake in the same area.
- 14. A crack or fracture in Earth's crust where two tectonic plates grind past each other in a horizontal direction

- 15. a wave motion in a solid medium where the medium moves perpendicular to the direction of the travel of the wave.

Down

- 1. The border between two tectonic plates
- 4. the point on the earth's surface vertically above the focus of an earthquake.
- 5. transfer of energy across space and into the atmosphere
- 6. area where life can exist
- 7. A volcanically active area of Earth's surface far from a tectonic plate boundary

- 8. A deep valley that forms at the edge of a continent when the oceanic plate sinks underneath a continental plate.

- 9. the point along a fault at which the first motion of an earthquake occurs
- 11. a type of seismic wave that forms when P waves and S waves reach Earth's surface
- 12. mixture of gases surrounding earth

Word Bank

- | | | | |
|-----------------|-----------------|--------------|-----------|
| Fault | Atmosphere | Aftershock | Biosphere |
| Seismograph | Secondary Waves | Surface wave | Focus |
| Tectonic plates | Epicenter | Radiation | Rift |
| Hot spot | Boundary | Trench | |