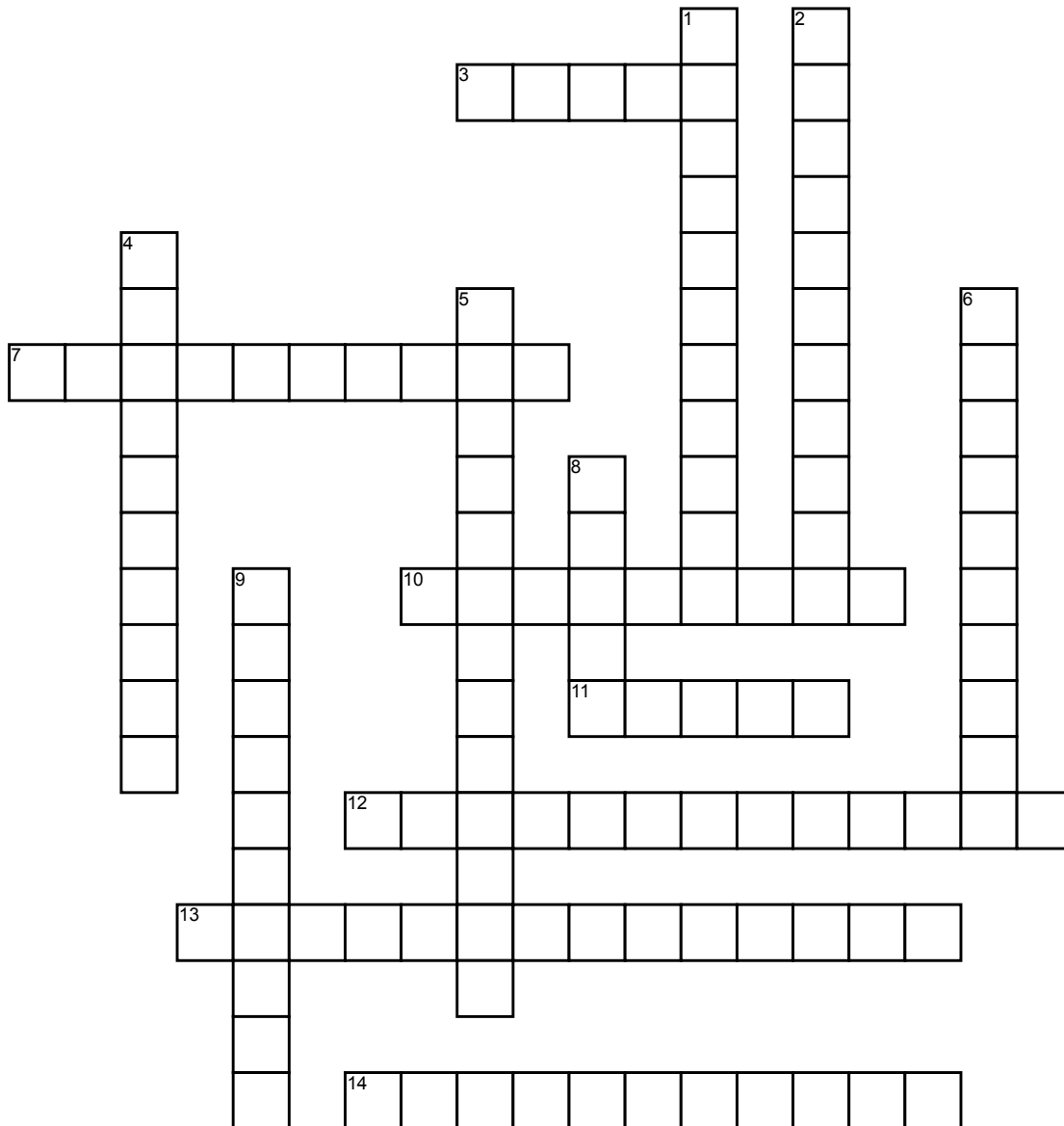


earthquakes



Across

- 3.** a seismic wave that causes particles of rock to move in a back and forth direction
- 7.** a tracing of earthquake motion that is created by a seismograph
- 10.** the point on earth's surface directly above an earthquake's starting point
- 11.** a seismic wave that causes particles of rock to move in a side to side direction
- 12.** helps prevent waterlines and gas lines from breaking in an earthquake
- 13.** the sudden return of elastically deformed rock to its undeformed shape

- 14.** an instrument that records vibrations in the ground and determines the location and strength of an earthquake

Down

- 1.** the bending, tilting and breaking of the earth's crust the change in the shape of rock in response to stress
- 2.** a wave of energy that travels through the earth away from an earthquake in all directions
- 4.** an area along a fault where relatively few earthquakes have occurred recently but where strong earthquakes have occurred there in the past

- 5.** a hypothesis that is based on the idea that a major earthquake is more likely to occur along the part of an active fault where no earthquakes have occurred for a certain period of time
- 6.** the zone of volcanic and earthquake activity surrounding the Pacific Ocean.
- 8.** the point along a fault at which the first motion of an earthquake occurs
- 9.** the study of earthquakes