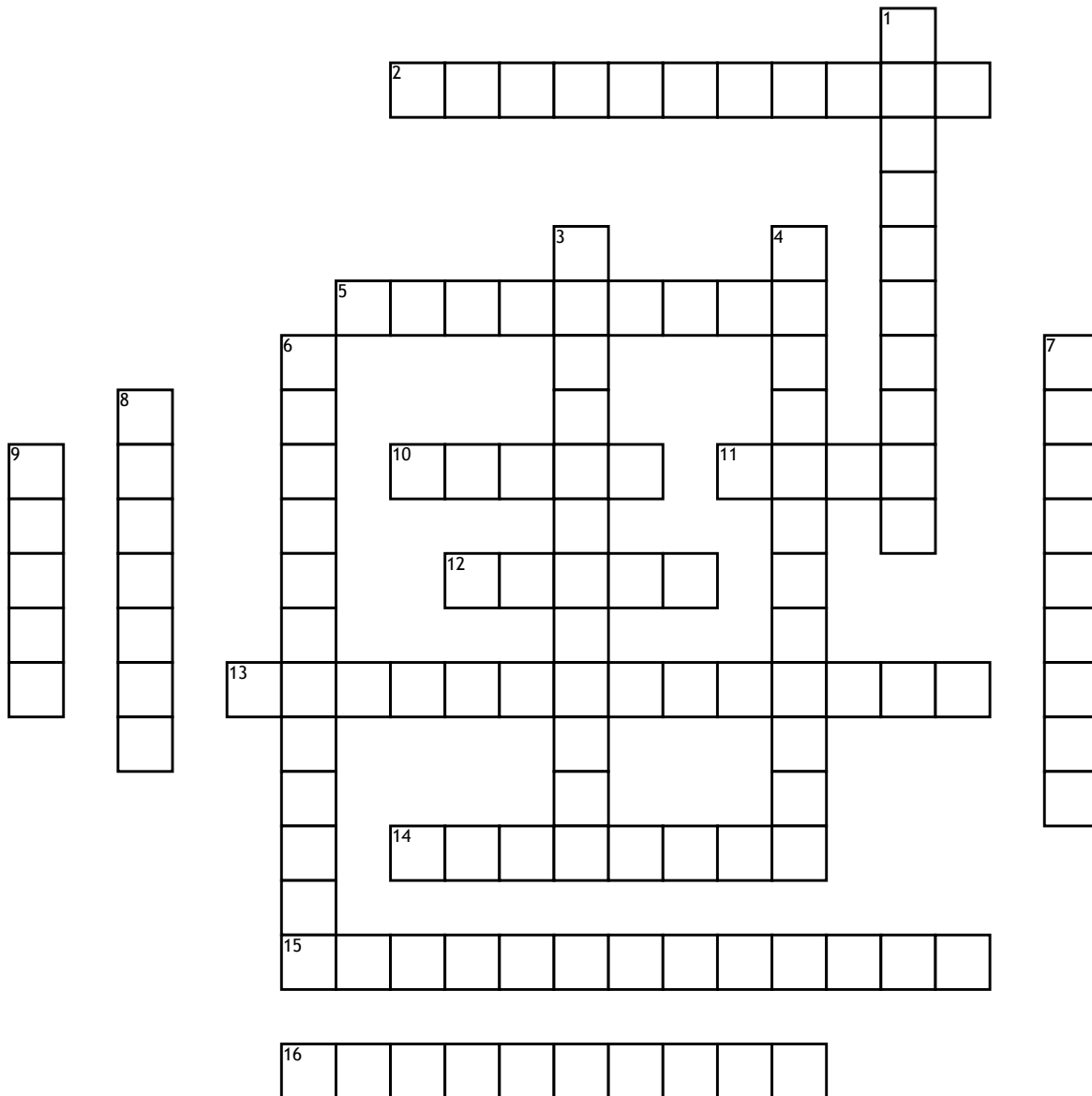


Chapter 9 Lesson 1 and 2



Across

2. an instrument that measures and records ground motion and can be used to determine the distance seismic waves travel.
 5. the location on Earth's surface directly above the earthquake's focus
 10. Molten rock below Earth's surface
 11. molten rock that erupts onto Earth's surface
 12. location of the seismic waves inside Earth

13. cause particles to move up and down at right angles relative to the direction the wave travels.
 14. Volcanoes that are not associated with plate boundaries
 15. scientists that study earthquakes
 16. vibrations in the ground that result from movement along breaks in Earth's lithosphere

Down

1. a graphical illustration of seismic wave

3. waves originate where rocks first move along the fault
 4. cause particles in the ground to move in a push-pull motion similar to a coiled spring.
 6. cause particles in the ground to move up and down in a rolling motion.
 7. liquid's resistance to flow
 8. A vent in Earth's crust through which melted or molten rock flows
 9. a break in the Earth's lithosphere where one block of rock moves toward, away from, or past another.