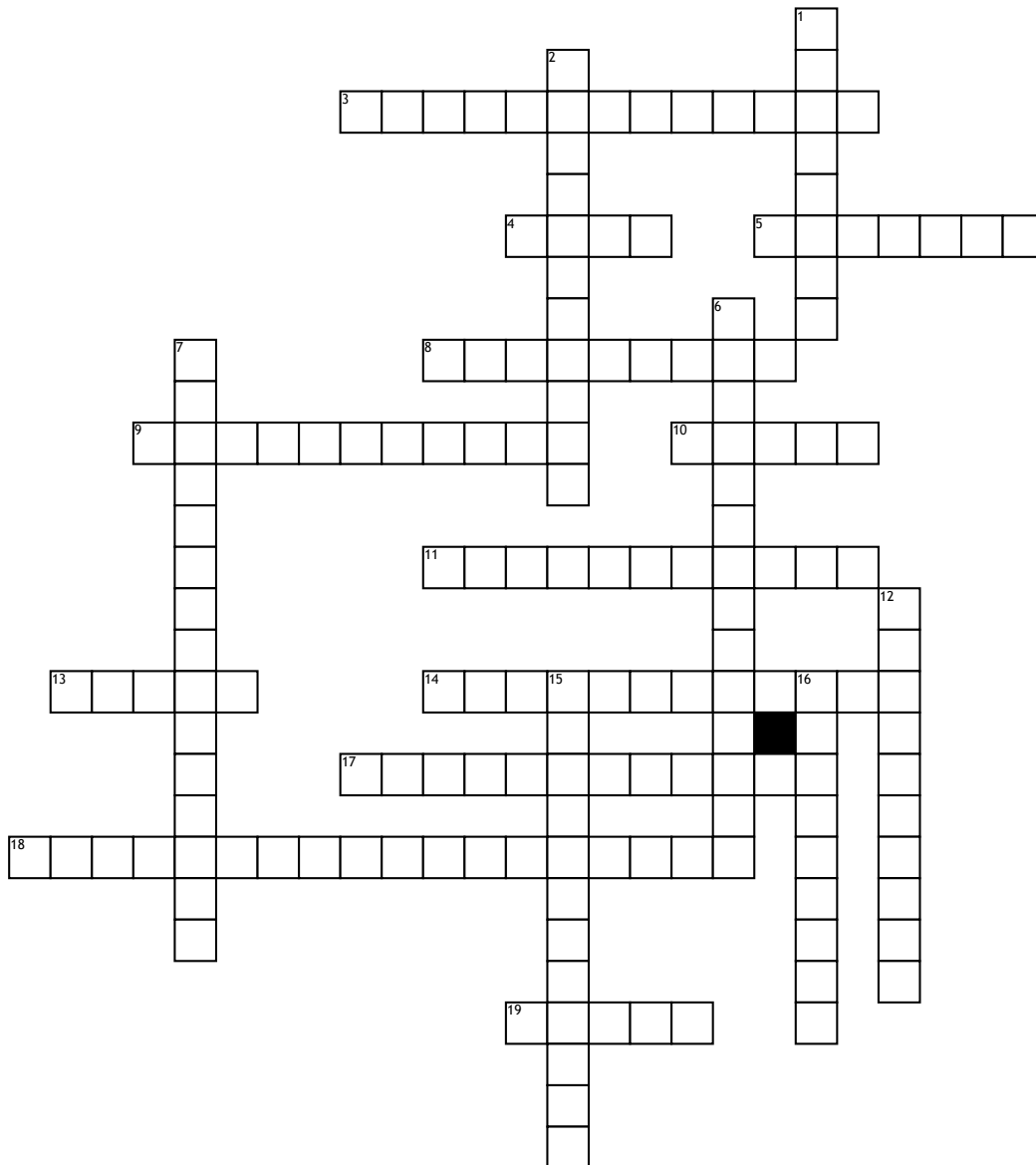


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Chapter 9 Vocabulary



## Across

3. scientist that study Earthquakes  
 4. Molten rock that erupts onto Earth's surface  
 5. A vent in earths crust thorough which melted-or molten-rock flows  
 8. Location on Earth's surface directly above the earthquake's focus  
 9. small steep-sided volcanoes that erupt gas-rich, basaltic lavas  
 10. Wavesoriginate where rocks first move along the fault, at a location inside Earth  
 11. Vibrations in the ground that result from movement along breaks in Earth's lithosphere

13. A break in Earth's lithosphere where one block of rock moves toward, away from, or past another  
 14. Energy that travels as vibrations on and in Earth  
 17. P-waves, cause particles in the ground to move in a push-pull motion similar to a coiled spring.  
 18. large, steep-sided volcanoes that result form explosive eruptions of andesitic and rhyolitic lave and ash along convergent plate boundaries  
 19. Molten rock below Earth's surface

## Down

1. Volcanoes that are not associated with plate boundaries

2. tiny particles of pulverized volcanic rock and glass-high into the atmosphere  
 6. S-waves, are slower than P-waves. They cause particles to move up and down at right angles relative to the direction the wave travels  
 7. common along divergent plate boundaries and oceanic hot spots  
 12. An instrument used to measure and record ground motion  
 15. Particles in the ground to move up and down in a rolling motion  
 16. a liquid's resistance to flow