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Chapter 9 Vocabulary Puzzle

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| **Across****2.** scientists that study earthquakes.**5.** cause particles in the ground to move in a push-pull motion similar to a coiled spring**6.** tiny particles of pulverized volcanic rock and glass.**9.** the location on Earth's surface directly above the earthquake's focus**10.** volcanoes that are not associated with plate boundaries.**12.** these waves originate where rocks first move along the fault, at a location inside Earth**14.** a vent in Earth's crust through which melted or molten rock flows.**15.** molten rock that erupts onto Earth's surface.**16.** measures and records ground motion and can be used to determine the distance seismic waves travel.**18.** a liquid's resistance to flow.**19.** they cause particles to move up and down and right angles relative to the direction the wave travels.**20.** small, steep-sided volcanoes that erupt gas-rich, basaltic lava's. | **Down****1.** steep-sided volcanoes that result from explosive eruptions of andesitic and rhyolitic**3.** cause particles in the ground to move up and down in a rolling motion.**4.** common along divergent plate boundaries and oceanic hot spots. **7.** vibrations in the ground that result from movement along breaks in Earth's lithosphere.**8.** energy that travels as vibrations on and in Earth.**11.** Molten rock below Earth's surface.**13.** a break in Earth's lithosphere where one block of rock moves toward, away from, or past each another**17.** a graphical illustration of seismic waves. |

   earthquake       fault       seismic waves       focus       epicenter       primary waves       secondary waves       surface waves       seismologists       seismometer       seismogram       volacano       magma       lava       hot spots       shield volcanoes       composite volcanoes        cinder cones       volcanic ash       viscosity