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Chapter 9 vocabulary

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| **Across**  **2.** Cause particles in the ground to move in a push-pull motion similar to a coiled spring  **6.** Volcanoes that are not associated with plate boundaries  **8.** Ground motion is recorded  **9.** Are small, steep-sided volcanoes that erupt gas-rich, basaltic lava  **11.** heavy movement from the ground  **12.** A liquid's resistance to flow  **13.** Is a break in Earth's lithosphere where one block of rock moves toward, away from, or past each another  **16.** Tiny particles of pulverized volcanic rock and glass-high into the atmosphere  **17.** Scientist that study earthquakes  **18.** Cause particles in the ground to move up and down in a rolling motion, similar to ocean waves | **Down**  **1.** When rocks move along a fault, they release energy that travels as vibration on and inn Earth's  **3.** An instrument  **4.** Are common along divergent plate boundaries and oceanic hot spot  **5.** Are large, steep-sided volcanoes that result from explosive eruption of andesitic and rhyolitic lava and ash along convergent plate boundaries  **7.** Are slower than p-waves. They cause particles to move up and down at right angles relative to direction the wave travel  **10.** Molten rock that erupts onto Earth's surface  **14.** Is the location on Earth's surface directly above the earthquake's focus  **15.** These waves originate where rocks first move along the fault at a location inside Earth |