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Earthquakes and Volcanoes

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| **Across**  **2.** steep-sided volcano made of loosely packed tephra  **5.** vibrations caused by breaking rocks along faults  **9.** Measure of the energy released by an earthquake  **10.** a broad volcano with gently sloping sides  **12.** a very large igneous intrusion extending deep in the earth's crust.  **13.** A mixture of molten or semi-molten rock, volatiles and solids that is found beneath the surface of the Earth  **14.** scientist who studiesearthquakes and seismic waves  **15.** device used by seimologists to record primary, secondary, suface waves from earthquakes | **Down**  **1.** A volcano formed by alternating layers of tephra and lava and that is found mostly where Earth's plates come together  **3.** An opening on Earth's surface where magma is forced up and flows out as lava  **4.** are imaginable as the veins of a volcano, the pathways of rising magma.  **6.** large opening formed when the top of a volcano collapes  **7.** a column of solidified lava or igneous rock formed in a volcanic vent, especially when exposed by erosion.  **8.** What is the point of Earth's surface directely above an earthquake's focus ?  **11.** Opening in Earth's surface that often forms a mountain when layers of lava and volcanic ash erupt and build up |