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plate tectonics crossword

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| **Across****3.** a layer of 'plastic' semi-solid rock in the lower mantle on which Earth's tectonic plates move**6.** a huge wave in the ocean caused by an earthquake occurring on the seafloor**9.** the rapid movement of the ground, usually back and forth and up and down in a wave motion, due to the movement of tectonic plates**10.** the process of continents breaking up, subsiding and allowing in water from the sea**14.** layer beneath Earth's crust**15.** a longitudinal seismic wave that travels fast through Earth**16.** the point on Earth's surface directly above the focus of an earthquake**18.** a chain of islands formed at the edges of colliding tectonic plates where one plate subducts**19.** plates are pulled apart at the mid-ocean ridges**20.** Earth's outermost solid layer | **Down****1.** the crust that forms the ocean floor**2.** the place below ground where an earthquake starts**4.** a depression in the ocean floor**5.** the separating of continents by drifting across Earth's surface**7.** name for the crust and the upper mantle together; Earth's tectonic plates**8.**  when one plate sinks below another plate during a collision**11.** molten rock that has erupted onto Earth's surface**12.** molten rock below Earth's surface**13.** a place where extremely hot material from inside Earth erupts at the surface**17.** older crust is pushed below new ocean crust and squeezes the plates sideways |