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Plate Tectonics Crossword Puzzle

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| **Across**  **2.** What is the outermost rigid layer of Earth?  **6.** What is dense and is in the center of Earth and extends from the bottom of the outer core to the center of Earth?  **8.** What is located between the core and the crust?  **10.** The lithosphere is divided into...  **11.** What extends from below the mantle to the center of Earth?  **12.** What is the outermost layer of Earth?  **13.** What is the movement of matter that results from differences in density?  **15.** What is the liquid layer of Earth's core?  **17.** What element makes up most of Earth's core?  **18.** Two plates collide they make...  **19.** What is the strong lower part of the Earth's mantle?  **20.** What pushes the rest of a plate away from the mid-ocean ridge? | **Down**  **1.** What describes large scale movements of the Earth's lithosphere?  **3.** When two plates move away from each other this is called...  **4.** What explains the age and magnetic patterns of sea floor rocks?  **5.** What is the slow creeping motion of Earth's solid silicate mantle caused by convection currents carrying heat from the interior of the Earth to the surface?  **7.** A boundary at which two plates move past each other horizontally is called a...  **9.** What is a layer of weak or soft mantle that is made of rock?  **14.** What are the huge trenches on Earth's seafloor?  **16.** What is the portion of motion of a tectonic plate that can be accounted for b the portion of motion of a tectonic plate that can be accounted for by its subduction? |