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Plate Tectonics Crossword Puzzle

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|  |  |  | 5M |  |  |  |  |  |  |  |  |  |  | 6I |  N |  N |  E |  R |  C |  O |  R |  E |  | 7T |  |  E |  |  |  |
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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? |