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Plate Tectonic Puzzle

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| **Across**  **4.** Second layer of earth  **7.** The solid plastic layer of the mantle beneath the lithosphere  **9.** The supercontinent that formed 300 million years ago and began to break up 200 million years ago  **10.** Source of heat in the mantle  **13.** Third layer of earth  **17.** Places where the sea floor is forced under continental plates  **18.** What is the thinnest part of the crust?  **19.** What is the first layer of the core | **Down**  **1.** What is the name of super continent?  **2.** Places where new sea floor is being created  **3.** The boundary between tectonic plates that are colliding  **5.** Deepest part of the oceans  **6.** What is it called when the continent drifted?  **8.** What is the thickest part of the crust?  **11.** Primary force that causes the seafloor to spread and continents to drift  **12.** Best science teacher at KERR  **14.** The process by which earths crust breaks apart, can occur within continental crust or organic crust  **15.** First layer of earth  **16.** What is the second layer of the core  **20.** How many layers are in the core |