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| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Plate Tectonics

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| **Across**  **1.** Occurs where plates push together  **3.** Earth's innermost layer, slid and composed of mostly iron and nickel  **6.** landform formed by two transform plates sliding horizontally past each other  **7.** type of fault caused by tension, very common at divergent plate boundaries  **13.** Earths outer layer, the thinnest layer.  **14.** type of crust with a thickness of 5 to 8 kilometers, mostly made of basalt  **15.** landform formed by two divergent plates moving opposite of each other  **16.** type of fault caused by shearing, very common at transform plate boundaries  **18.** force for the spreading theory, when magma from mantle pushes up, cools, and forms new ocean rock.  **19.** land form formed by two convergent continental plates coming together.  **20.** type of fault caused by compression, very common at convergent plate boundaries | **Down**  **2.** Occurs where plates push apart  **4.** type of crust with a thickness of 30 to 40 kilometers, mostly made of granite  **5.** \_\_\_\_\_\_\_\_\_\_\_\_ introduced the first theory of crustal  **8.** Earth's layer below the crust, has two parts: asthenosphere and stiff \_\_\_\_\_\_  **9.** landform formed by convergent continental and oceanic plates coming together  **10.** type of plate boundary that typically forms a fault from two plates moving horizontally past each other  **11.** Earths second innermost layer, only liquid layer and composed of mostly iron  **12.** landform formed by two convergent oceanic plates coming together  **17.** pieces of earth's lithosphere that move in relation to each other |

   Convergent Boundaries        Divergent Boundary       Alfred Wegener       Island Arc        Outercore        Crust        Convection        Plates        Mountain        Reverse        Oceanic        Continental        Strike Slip       Ridge       Fault        Transform        Normal        Trench        Inner Core        Mantle