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Earth and Space Science

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| **Across**  **3.** largest of earth's three major layers  **5.** the layer of earth's structure that is broken into tectonic plates  **9.** dividing lines or borders between two areas  **10.** techtonic plates move \_\_\_\_\_\_\_\_\_\_\_\_\_\_  **11.** rock from deep inside earth that has turned to liquid due to high temperatures and liquid  **12.** a line of hills or mountains  **13.** most volcanoes occur where \_\_\_\_\_\_\_\_\_\_\_ meet  **14.** What ocean was formed as the Americas slowly moved away from Europe and Africa?  **15.** When one plate is shoved under another, it is called \_\_\_\_\_\_\_\_\_\_\_\_. | **Down**  **1.** By the 1960's, the theory of \_\_\_(2 words but write as one)\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ was born  **2.** Alfred \_\_\_\_\_\_\_\_\_\_\_\_\_\_ introduced the idea of continental drift.  **4.** What did scientists use to map the ocean floor?  **6.** Wherever plates meet, there is a good chance for what kind of activity?  **7.** As what builds, do plates break free and move in one sudden motion?  **8.** What is the name of the ridge that runs under the ocean from the North Pole to the South Pole? |