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earth systems

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| **Across**  **1.**  record produced by a seismograph  **4.**  a seismic wave that moves through the interior of the earth P and S waves are both this type of wave  **5.** a flat area of land high above sea level  **8.** where the earthquake takes place underground  **15.** make up mountain systems  **17.** when two collide putting stress causing them to fold  **18.**  indicates the strength of an earthquake  **19.** a shallow break in the earths crust not moving surroundings crust  **21.** are the second fastest wave  **22.** a sudden and violent shaking of the ground, sometimes causing great destruction, as a result of movements within the earth's crust or volcanic action  **23.** the fastest type of wave  **24.** mountains that have a hole where lava ash and smoke can come out | **Down**  **2.** when plates pull apart and some materials and pushed upward and some collapse  **3.** areas far from plate boundary where there are active volcano  **6.** where magma rises up and pushes earths crust outward without breaking the crust  **7.** largest collection of mountains, only two in the world  **9.** the action or process of changing in shape or distorting, especially through the application of pressure.  **10.** make up mountains belts  **11.** the interaction of s and p waves  **12.** where the earthquake takes above ground  **13.** The severity of an earthquake  **14.** an instrument that measures and records details of earthquakes  **16.** a deep break in the earths crust moving the surrounding crust  **20.** a long high sea wave caused by an earthquake |