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Earth Interior puzzle

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| **Across**  **4.** the part of earth's mantle where convection currents occurs  **7.** of or realating to meatal  **9.** a meatalic element that reacts easily with oxegyn and is very common on earth  **10.** melted by heating to an extremely high temperature ,as metal or rock  **11.** a large group of minerals that make up 90% of the earth's rocky crust  **12.** the solid sphere in the center of the earth  **13.** a hard metallic element that does not react easily with oxegyn  **14.** the outermost layer on earth | **Down**  **1.** the part of the earth between the core and crust  **2.** the type of matter that makes up a object  **3.** the fluid layer of iron and nickel that surrounds the inner core and lies below the mantle of the earth  **5.** the transfer of heat by the movement of a fluid due to density differences  **6.** a place in space where a magnet creates a physical force that can be felt by other magnets or eletrical charges  **8.** the crust and uppermost rigid part of the mantle |