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Geologic Time and Rock layer

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| **Across**  **8.** magma shooting through rock layers and cooling underground.  **10.** A fossil of an organism that had wide geographic distribution but existed on Earth for a relatively brief period of time | **Down**  **1.** surface processes (water flow or wind) that remove soil, rock, or dissolved material from one location on the Earth's crust, then transport it away to another location.  **2.** Absolute dates usually determined by radiometric dating methods on appropriate rock layers or types.  **3.** Rock layers in the bottom or oldest, rock layers are added on top are younger.  **4.** Sediments are deposited in flat lying horizontal layers that are parallel to the surface on which they are deposited.  **5.** rock that has formed from sediment deposited by water or air.  **6.** Cracks in rock layers that slip releasing energy vibrations.  **7.** The trace or remains of an organism that lived long ago most commonly preserved in sedimentary rock.  **9.** Plate converging together and folding in on each other. |