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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. |