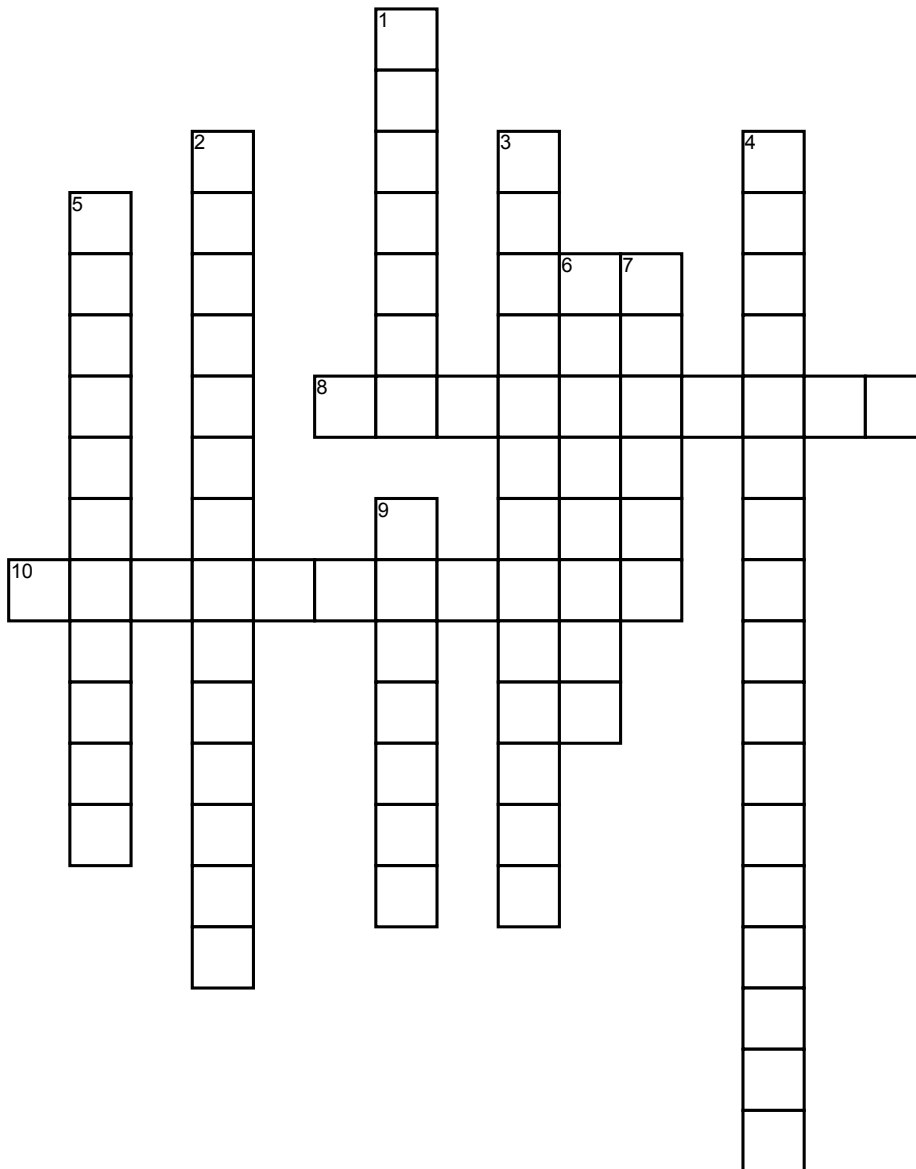


Geologic Time and Rock layer



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.