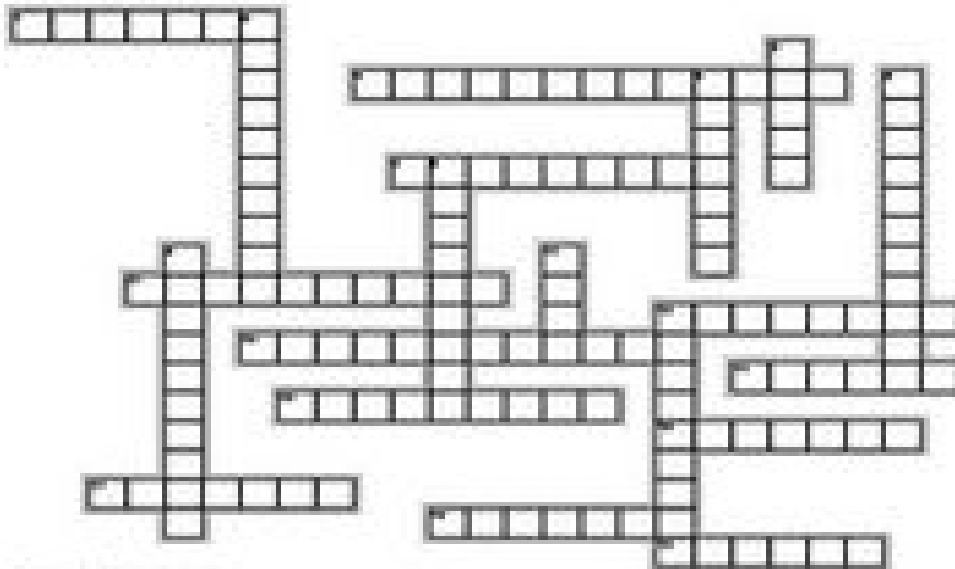


Plate Tectonics

10/20/2023



Scanned with CamScanner

Across

1. The bottom oceanic crust
4. Pacific island chain mostly formed that extends geologically and not tect.
5. Movement of the plate over Earth's surface is termed plate _____.
11. The edge where two plates meet
12. Deepest part of the ocean
13. Device capable of measuring the magnetic field intensity
14. Midway of the lithosphere
15. Boundaries where the two plates move away from each other
16. These seismic waves cannot travel through liquid
17. Meaning of earth in ancient Greek
18. Proposed that the continents were once united into a single supercontinent
18. The upper of the Earth's crust, ultramafic rock, and represents about 80% of Earth's mass

Down

2. The process occurs at the plate's interface
3. The Earth's age is less than 1% of Earth's mass
6. Most of the of the rock that flow through the mantle
7. Composed of both the crust and the portion of the upper mantle that behaves as a single, rigid unit
8. The part of Earth's surface directly above the area where the subduction occurs
9. Boundaries where the two plates move towards each other
10. This type of the Earth is mostly iron-nickel, and makes up about 80% of the Earth
14. Boundaries where the two plates slip past each other