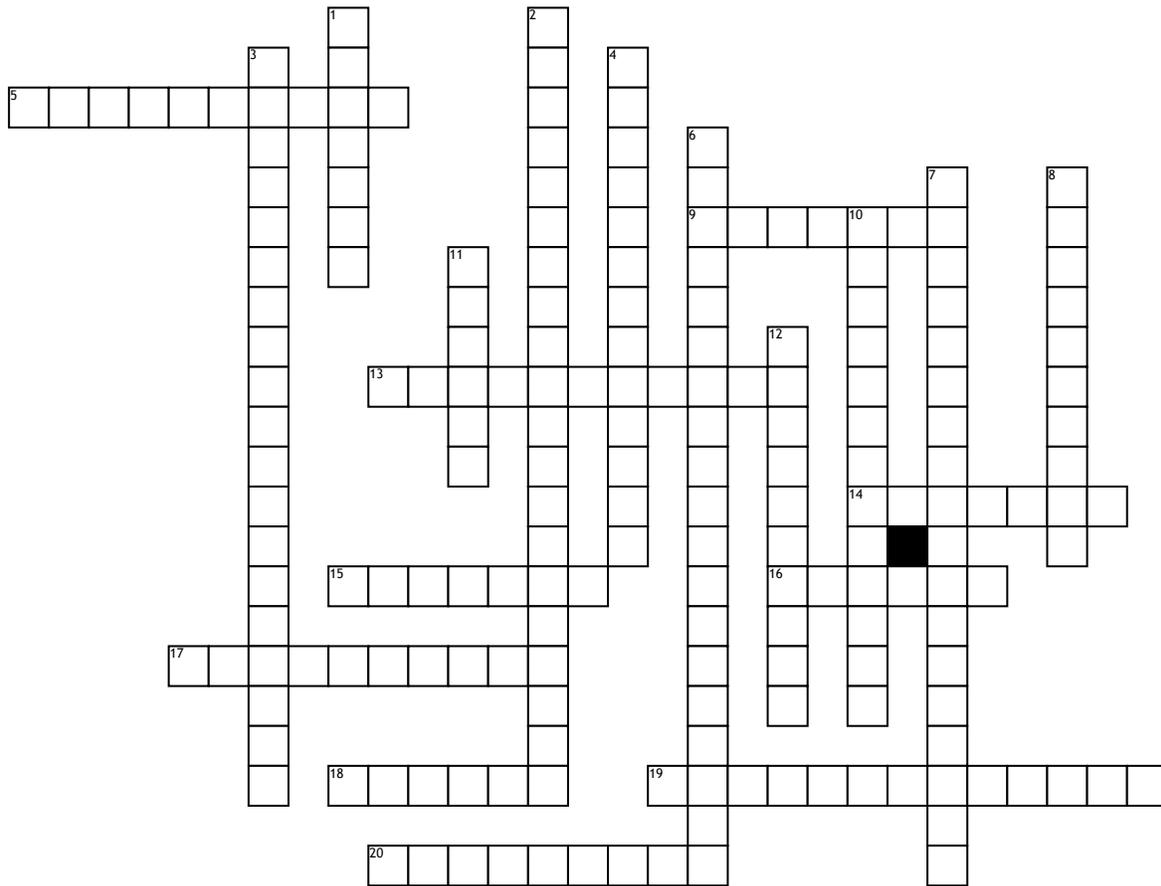


Plate Tectonics



Across

5. The process by which rocks are broken down by wind, water and temperature.
 9. A rupture in the Earth's crust where molten lava, hot ash, and gases from below the Earth's crust escape into the air.
 13. The rigid outer part of the Earth, consisting of the crust and upper mantle.
 14. The process by which the sediment is carried away by ice, gravity and wind.
 15. The ratio of the mass of an object to its volume.
 16. A long narrow steep-sided depression in the earth's oceanic crust.
 17. A sudden movement of the Earth's lithosphere

18. A low area of land between hills or mountains, typically with a river or stream flowing through it.
 19. An elevated region with a central valley on an ocean floor at the boundary between two diverging tectonic plates where new crust forms from upwelling magma.
 20. What two continental plates create with convergent boundaries.

Down

1. The name of the supercontinent.
 2. There was a super continent that split into the continents of today.
 3. A plate boundary where two plates slide past each other.
 4. The mantle's middle region. Its material is solid, but can flow over time.

6. A plate boundary where two plates divide.

7. The upward movement of warm fluid and the downward movement of cool fluid forms a flow.

8. The process by which the oceanic crust sinks beneath the continental crust.

10. This man thought that all the continents fit together.

11. Large sections of the Earth's crust that slowly move due to the convection currents.

12. The process by which sediment builds up the Earth.