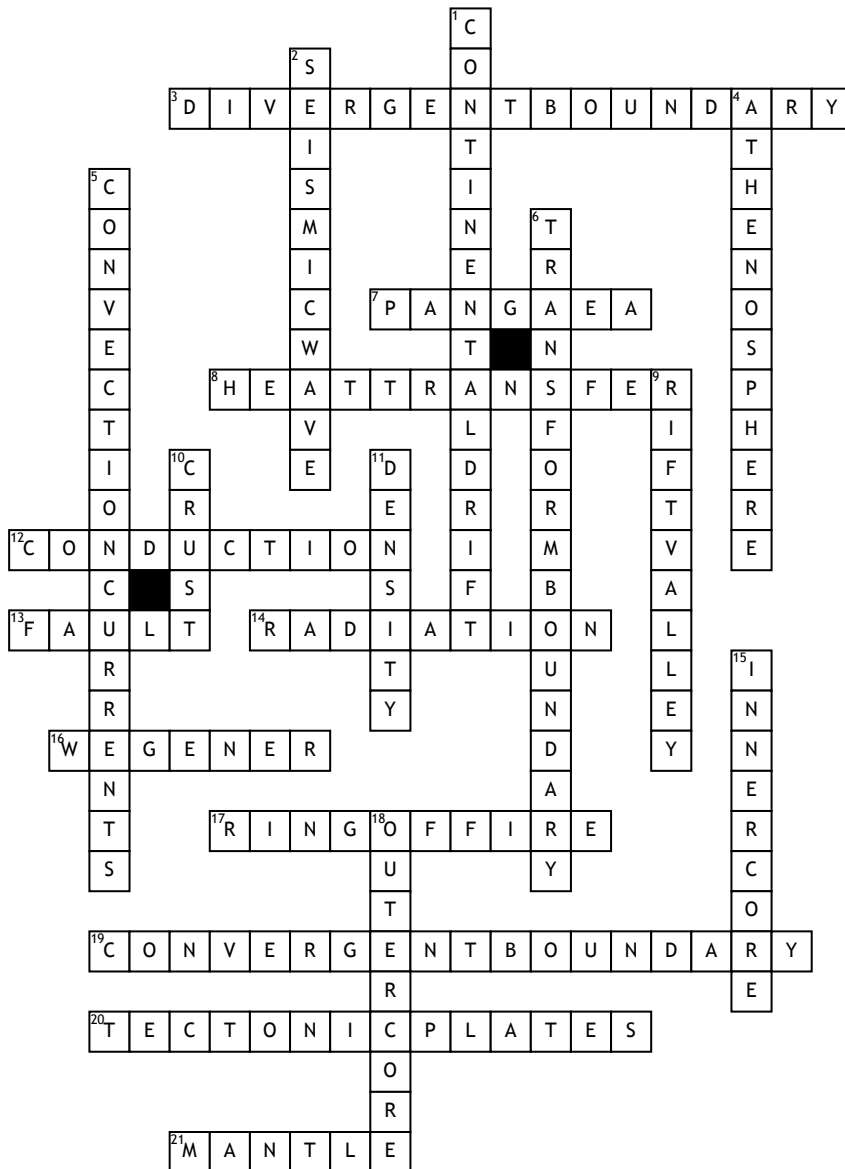


Tectonic Plates



Across

3. A plate boundary where two plates move away from each other.
7. The name of the single continent that broke apart 200 million years ago.
8. The movement of energy from a warmer object to a cooler object.
12. Heat transfer by direct contact of particles of matter.
13. A break in Earth's crust
14. The transfer of energy through an empty space.
16. The name of young German scientist who was curious about the relationship of the continents.
17. A major belt of volcanoes that rims the Pacific Ocean

19. A plate boundary where two plates move towards each other.
20. The theory that pieces of Earth's lithosphere are constantly in motion, driven by convection currents in the mantle.
21. A layer of hot solid material between the crust and the core.
- ## Down
1. The hypothesis that the continents slowly move across earth's surface
2. A vibration that travels through earth carrying the energy released during an earthquake.
4. The soft layer of the mantle on which the Lithosphere floats.

5. The movement of a fluid, caused by differences in temperature, that transfers heat from one part of the fluid to each other.
6. A plate boundary where two plates move past each other in opposite directions.
9. A deep valley that forms where two plates move apart.
10. The layer of rock that forms earth's outer surface.
11. The measure of how much mass there is in a volume substance.
15. A dense ball of solid metal.
18. A layer of molten metal that surrounds the inner core.