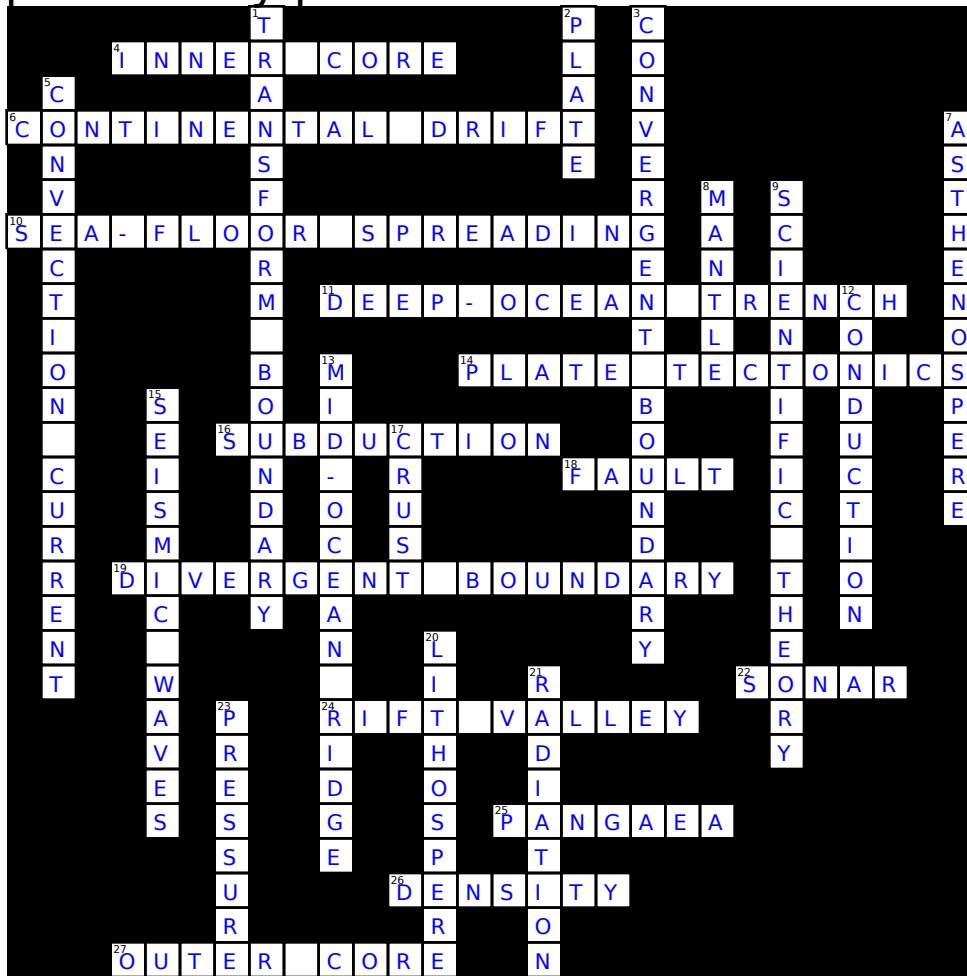


crossword puzzle for plate tectonics

Arkeria Johnson

The description of my puzzle is Plate Tectonics



Across

- 4 A solid sphere in the middle of the fluid core
- 6 The gradual movement of the continents across the earth's surface
- 10 The concept that new oceanic crust is created at the mid-ocean ridge as a result of divergence between plates.
- 11 A long, narrow, but very deep depression in the ocean floor
- 14 The theory that the earth's surface is divided into a few large, thick plates that are continually moving
- 16 he sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate.
- 18 A crack in the earth's crust
- 19 a linear feature that exists between two tectonic plates that are moving away from each other
- 22 for measuring the water's depth by emitting sound pulses
- 24 a valley with steep sides; formed by a rift in the earth's crust
- 25 A continent formed 250 million years ago due to plate movement.
- 26 The mass per unit volume of a substance at a specified pressure and temperature
- 27 A liquid layer about 2,260 kilometers thick

Down

- 1 A boundary in which two plates slide past each other without creating or destroying lithosphere
- 2 one of the sections of the earth's lithosphere, constantly moving in relation to the other sections.
- 3 Two plates of the lithosphere coming closer together from two different directions
- 5 A current in a fluid that results from convection
- 7 A zone of the earth's mantle that lies beneath the lithosphere
- 8 The layer of the Earth between the crust and the outer core
- 9 A theory that explains scientific observations;
- 12 The process by which sound waves travel through a medium.
- 13 The site where tectonic plates move apart and new oceanic crust is created
- 15 Seismic waves are waves of energy that travel through the core of the earth.
- 17 The solid, outermost layer of the Earth, lying above the mantle
- 20 The outer solid part of the earth, including the crust and uppermost mantle
- 21 The emission of energy as electromagnetic waves or as moving subatomic particles.
- 23 Pressure is the force per unit area applied to a direction perpendicular to the surface of the object.