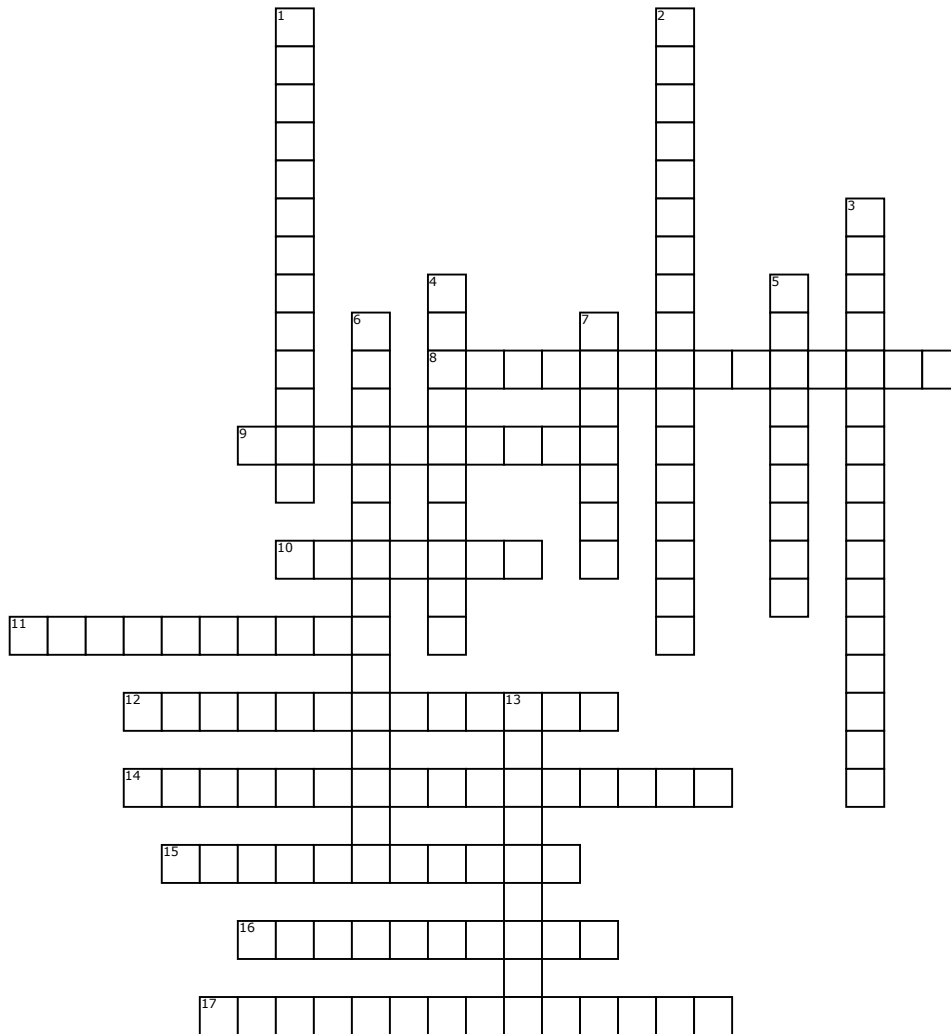


Plate Tectonics



Across

- 8. magnetized objects, orient themselves to point north.
- 9. wear away or change the appearance or texture of an object by long exposure to the air.
- 10. the process by which soil and rock particles are worn away and moved by wind, water, or ice.
- 11. when the denser plate sinks below the more buoyant plate.
- 12. the mountain range in the middle of the ocean.
- 14. the magnetic field reverses direction.
- 15. the cold and rigid outermost rock.

- 16. forms when two plates collide.
- 17. earths surface is made of rigid slabs of rock, or plats, that move with respect to each other.

Down

- 1. who made the theory of continental drift?
- 2. when new oceanic crust forms along a mid-ocean ridge and older oceanic crust moves away from the ridge.
- 3. suggested that continents are in constant motion on the surface of earth.

- 4. the circulation of material caused by differences in temperature and density.
- 5. forms when two plates slide past each other.
- 6. exists where two tectonic plates meet
- 7. all the continents were once part of a super continent called _____.
- 13. forms when two plates seperate

Word Bank

- | | | | |
|-------------------|------------------|-------------------|--------------------|
| lithosphere | normal polarity | divergent | pangaea |
| continental drift | mid-ocean ridge | magnetic reversal | subduction |
| erosion | transform | convection | seafloor spreading |
| Alfred Wegener | plate boundaries | plate tectonics | weathering |
| convergent | | | |