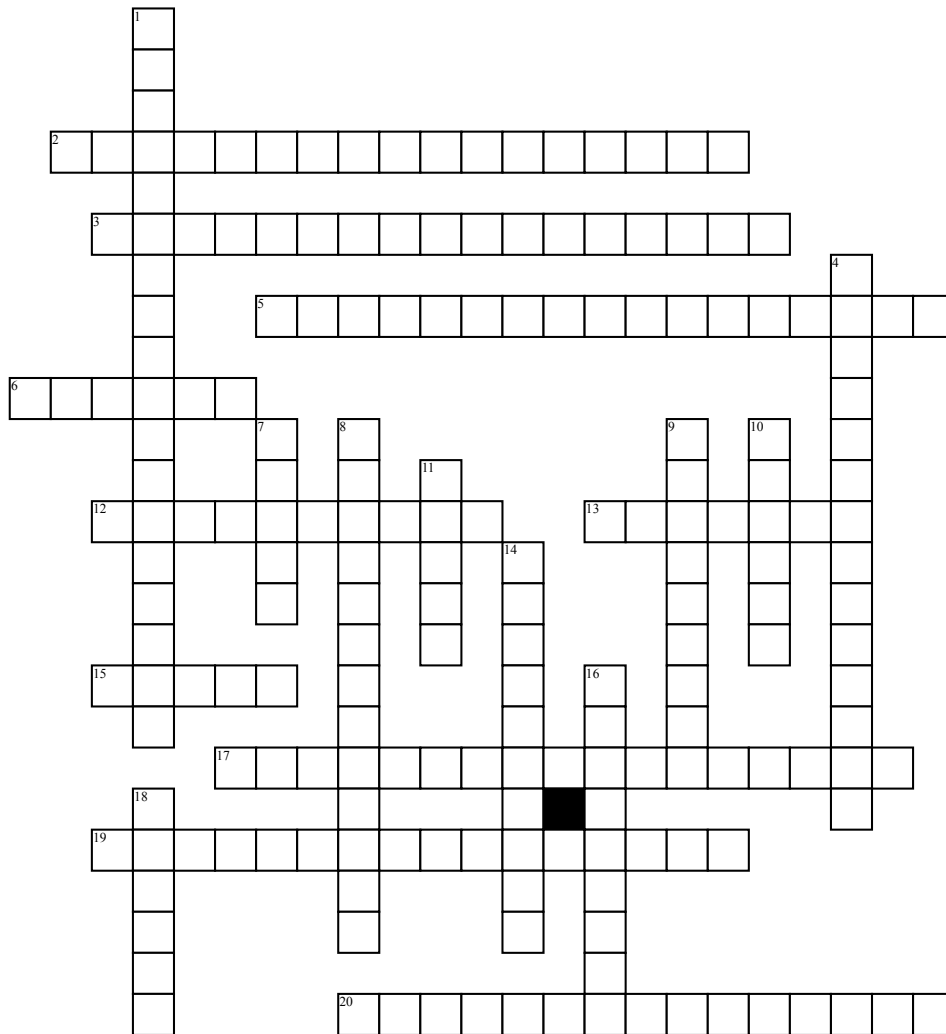


plate techtonics



Across

2. the boundary at which plates move apart, or diverge, from each other
 3. the boundary at which plates slip past each other
 5. the process of adding more rust to the ocean floor
 6. Earht's layer between the crust and the core
 12. whe n the ocean floor sinks beneath a deep ocean trench and back into the mantle again

Word Bank

sea floor spreading
 crust
 asthenosphere
 plates
 inner core

outer core
 divergent boundary
 mantle
 mid ocean ridges
 fault

13. the supercontinent
 15. the thin, outer layer of Earth
 17. deep underwater canyons
 19. Wegner's idea that the continents slowly moved over Earth's surface
 20. earth's plates and plate motions into a dingle theory

Down

1. the boundary at which plates come together or converge
 4. mountain ranges that run along the middle of some ocean floors

7. break on earth's crust where rocks have slipped past each other
 8. the soft layer of the mantle where the pieces of lithosphere move
 9. the solid layer if earth's core
 10. the pieces of the lithosphere
 11. a device that uses sound waves to measure the distance to an object
 14. where pieces of earth's crust diverge in land, a deep valley
 16. the liquid layer of earth's core
 18. any trace of an ancient organism that has been preserved in rock