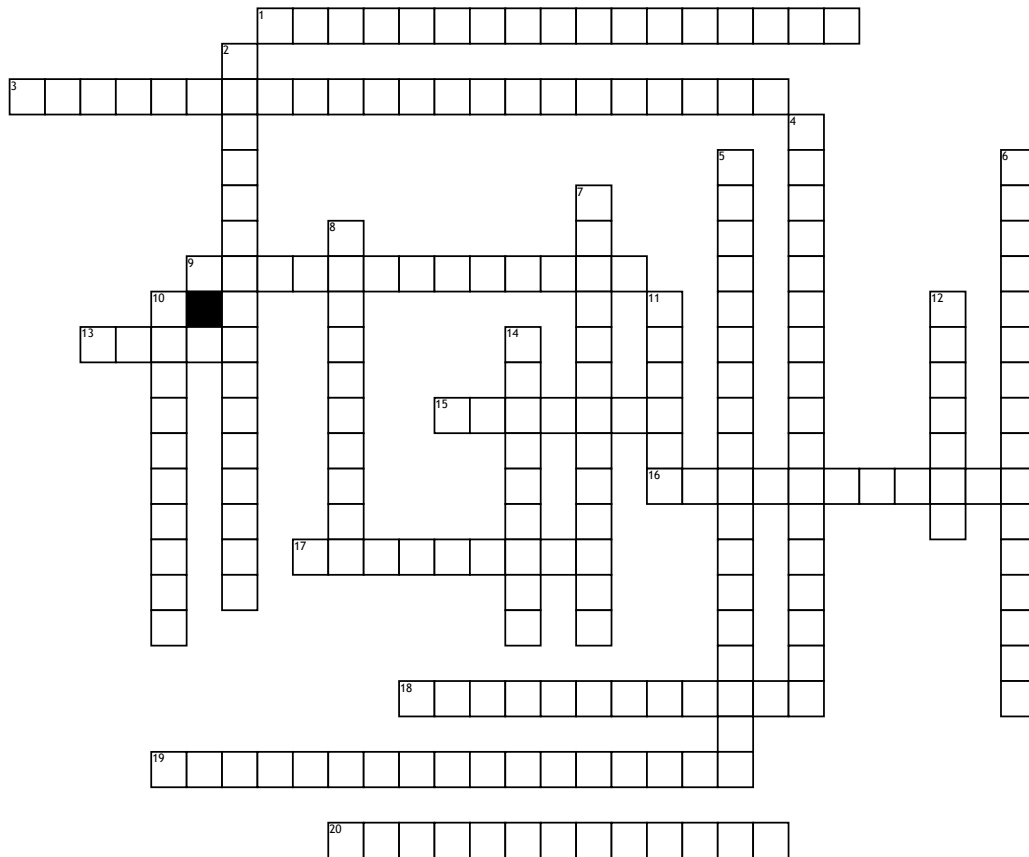


Name: _____ Date: _____ Period: _____

Plate tectonics



Across

1. a current in a fluid that results from convection
3. that Earth's outer shell is divided into several
9. is a massive, irregularly shaped slab of solid rock
13. the tough outer part
15. a small area or region with a relatively hot temperature in comparison to its surroundings
16. the rigid outer part of the earth
17. the very center of the Earth

18. a large elongated depression with steep walls formed by the downward displacement

19. linear feature that exists between two tectonic plates

20. underwater mountain range

Down

2. the gradual movement of the continents across the earth's surface through geological time.
4. places where plates slide sideways past each other
5. Earth where two or more lithospheric plates collide

6. A change in the Earth's magnetic field

7. the upper layer of the earth's mantle

8. the movement caused within a fluid by the tendency of hotter

10. the sideways and downward movement of the edge of a plate of the earth's crust into the mantle beneath another plate.

11. between the core and the the crust

12. supercontinent that existed during the late Paleozoic and early Mesozoic eras

14. the third layer of the Earth

Word Bank

crust
mid-ocean ridge
convection current
pangaea
hot spot

continental drift
theory of plate tectonics
Inner Core
asthenosphere
lithosphere

rift boundary
Outer core
convection
mantel
convergent boundary

tectonic plate
transform boundary
divergent boundary
subduction
magnetic reversal