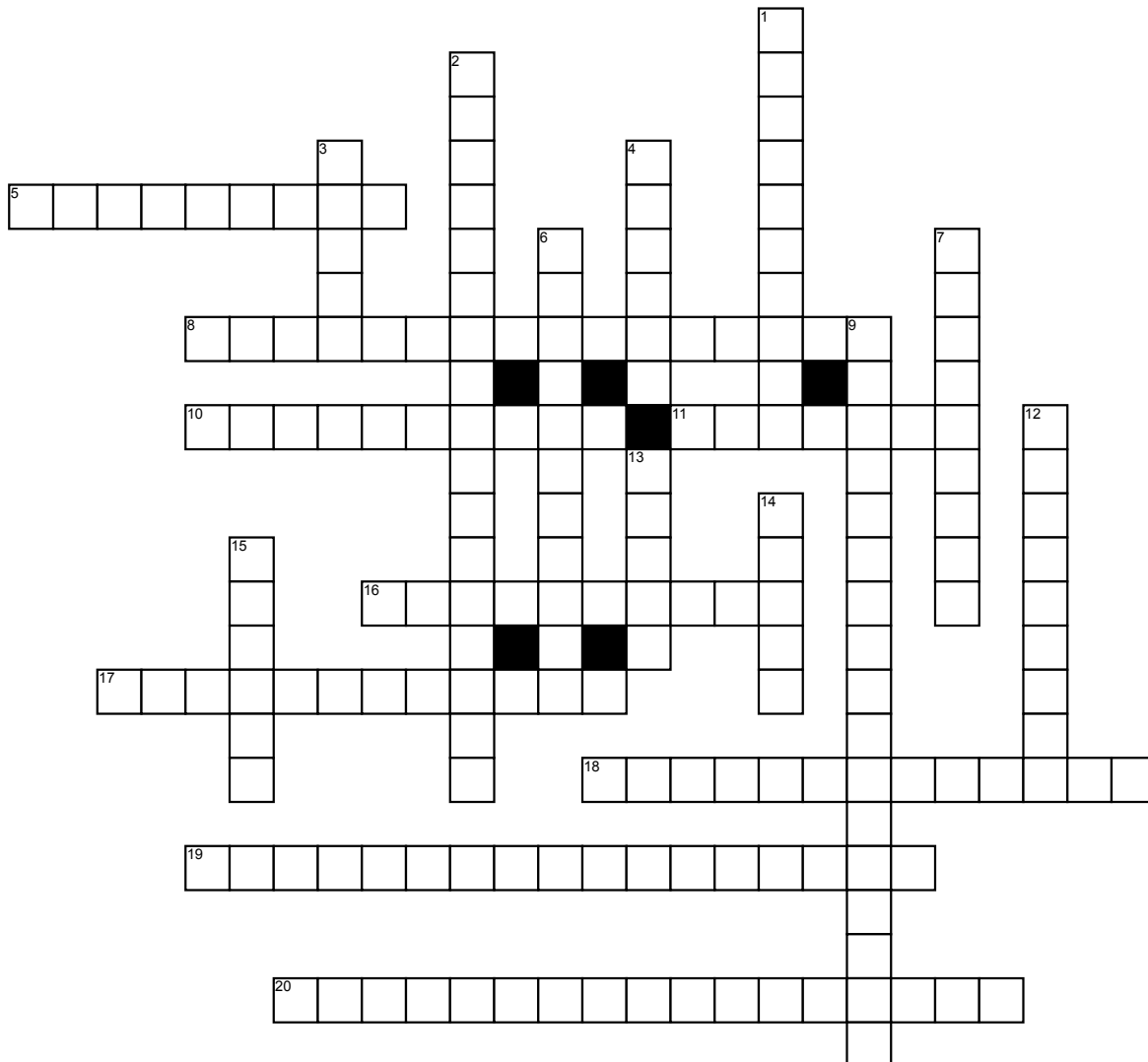


Name: _____ Date: _____ Period: _____

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Across

5. a layer of molten iron (Fe) and nickel (Ni) that surrounds the inner solid core of the Earth
 8. the hypothesis that the continents slowly move across Earth's surface
 10. the transfer of heat within a material or between materials that are touching
 11. the name of the single land mass that broke apart and gave rise to today's continents
 16. the transfer of heat by movement of fluid
 17. vibrations that travel through Earth carrying the energy released during an earthquake.
 18. Weak, partially melted layer composed of semi-molten rocks

19. the process by which molten materials add new oceanic crust to the ocean floor
 20. the movement of fluid, caused by differences in temperature, that transfers heat from one part of the fluid to another

Down

1. the process by which the oceanic crust sinks beneath the deep ocean trench and back into the mantle at a convergent boundary
 2. a plate boundary where two plates move away from each other
 3. what is the name of earths outer most layer?
 4. the layer of hot, solid material between Earth's crust and core?

6. A rigid layer made up of the uppermost part of the mantle and the crust
 7. the transfer of energy through space
 9. a plate boundary where two plates move past each other in opposite directions
 12. a dense sphere of solid iron (Fe) and nickel(Ni) at the center of the Earth
 13. a section of the lithosphere that slowly moves over the asthenosphere, carrying pieces of the continental and oceanic crust
 14. a trace of an ancient organism that has been preserved in rock
 15. a trace of an ancient organism that has been preserved in rock