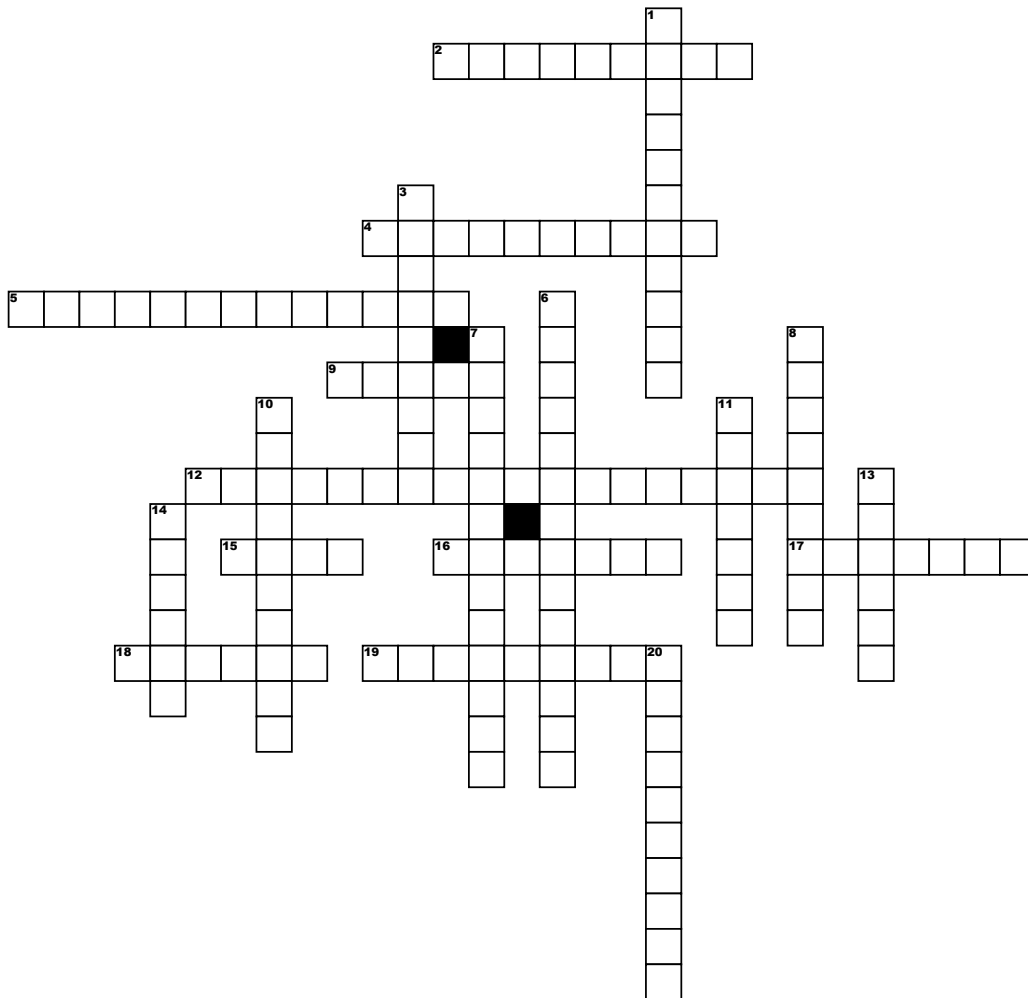


Name: _____ Date: _____ Period: _____

Plate Tectonic Cross Word



Across

2. The hottest, most dense layer of Earth composed of mostly iron; located at the center

4. Forms at a continental-continental divergent boundary

5. Man credited with Theor of Continental Drift

9. A molten mixture of rock-forming substances, gases, and water from the mantle

12. Force that moves the plates

15. What happens to plates when they sink and hit the mantle

16. The largest plate

17. Crust that always sinks at a convergent boundary

18. Large pieces of Earth's crust

19. The liquid part of the core, located below the mesosphere and above the inner core

Down

1. Thickest type of crust

3. Boundary where plates pull apart

6. Motions within the mantle that drives plate movement

7. Evidence of the earth's ancient magnetic field

8. Boundary where plates slide past each other

10. Boundary where plates come together

11. Name of super continent that existed 250 million years ago

13. This forms above a subduction zone where plates converge

14. Earth's layer where convection currents occur

20. When the ground shakes because of movement of plate boundaries

Word Bank

Magma
Convergent
Trench
Inner Core
Mantle

Continental
Paleomagnetic
Divergent
Convection currents
Pangaea

Convection Cell
Transform
Plates
Outer Core
Oceanic

Earthquake
Melt
Rift Valley
Alfred Wegner
Pacific