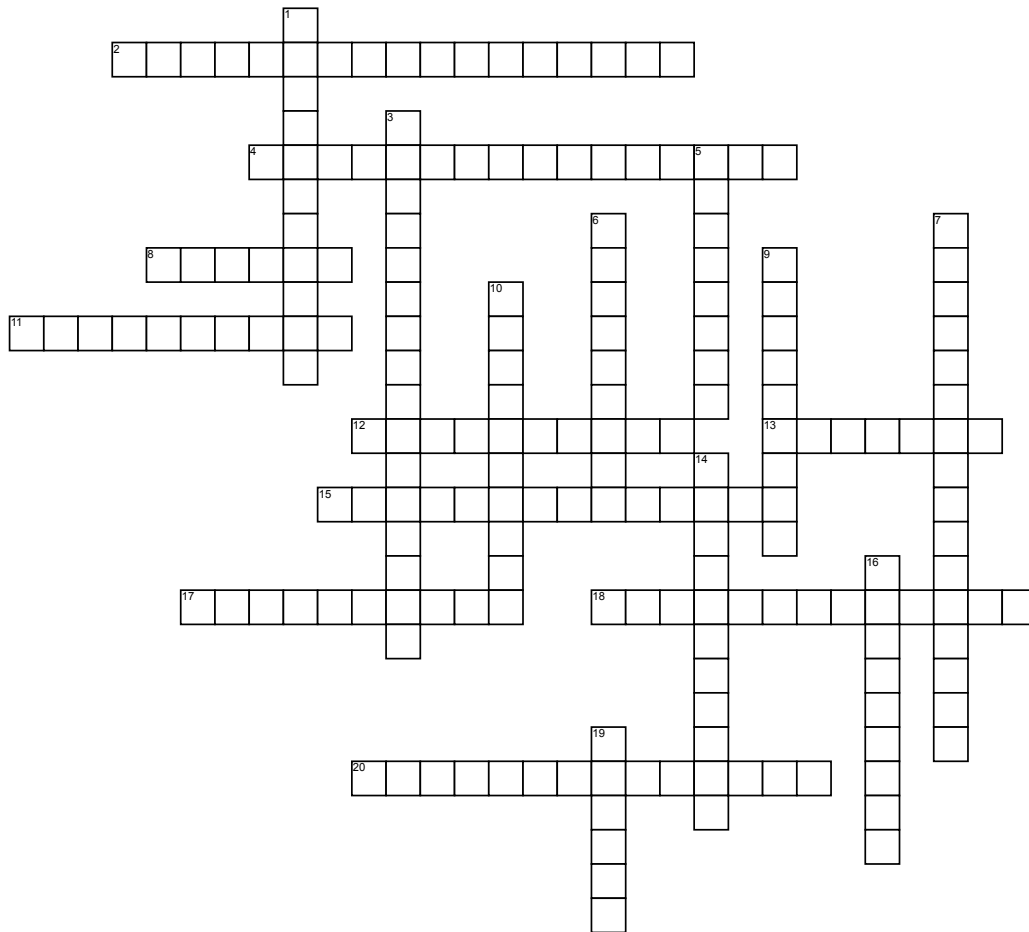


Name: _____ Date: _____

Place Tectonics Crossword



Across

- 2.** Process in which newer oceanic crust forms along mid-ocean ridge and older oceanic crust moves away from ridge
4. When the magnetic field reverses direction
8. Middle layer of Earth; Under the crust and above the core
11. Branch of scientific studies regarding earthquakes
12. Plate boundary where two plates collide
13. Supercontinent that formed billions of years ago
15. Rigid slabs of rock that make up Earth's surface and move with respect to each other

- 17.** Process in which the denser plate sinks below the plate with more buoyancy
18. Mountain ranges located in the middle of the ocean
20. State in which magnetized objects will orient themselves to point north

Down

- 1.** Branch of scientific studies regarding volcanoes
3. State in which magnetized objects would reverse direction and orient themselves to point south
5. Force that results when a slab pulls the rest of the plate while sinking
6. Plate boundary where two plates separate

- 7.** Hypothesis suggesting that the continents are in constant motion on Earth's surface
9. Force that results when magma rises at a mid-ocean ridge and pushes oceanic plates in two different directions away from ridge
10. Circulation of material caused by differences in temperature and density
14. Cold and rigid outermost rock layer of Earth
16. Plate boundary where two plates slide past each other
19. A naturally preserved remain, imprint, or trace of an organism that lived long ago

Word Bank

Ridge Push	Mantle	Seafloor Spreading	Continental Drift	Seismology
Convection	Pangaea	Transform	Normal Polarity	Divergent
Lithosphere	Magnetic Reversal	Subduction	Slab Pull	Plate Tectonics
Volcanology	Fossil	Convergent	Mid-Ocean Ridge	Reversed Polarity