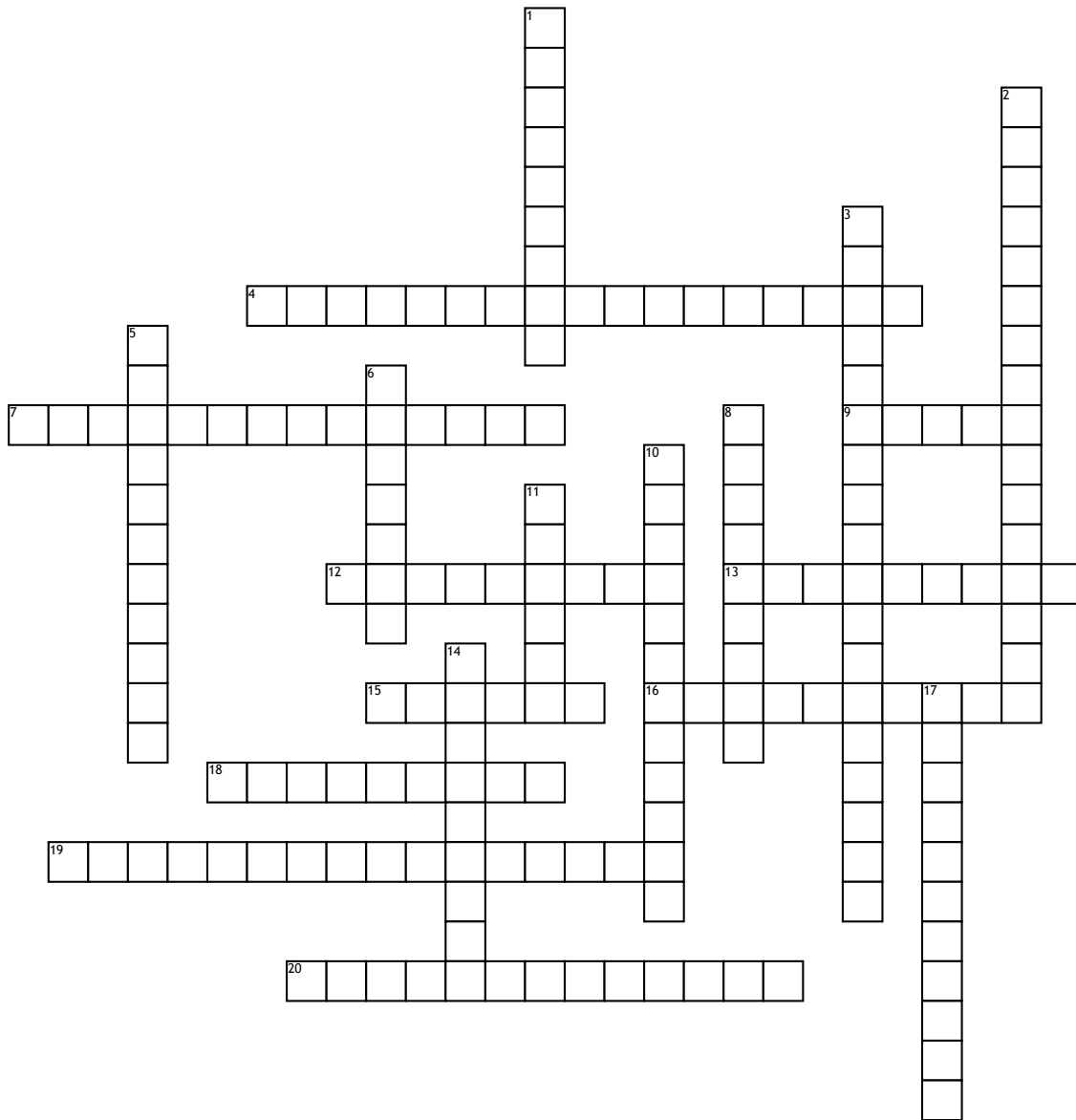


Name: _____

Date: _____

Plate Tectonics Crossword Puzzle



Across

4. The upwelling of magma at mid-ocean ridges and its outward movement, forming new oceanic crust
7. The interaction of the lithosphere plates as they move slowly over the mantle
9. The coolest layer of the earth that is made of thin, solid rock where all living this live
12. Ruptures in the earth's crust made from hot molten rock
13. When plates slide past each other neither creating or destroying crust
15. A super continent that slowly moved apart creating our modern continents

16. The plate boundary that pushes plates together and destroys crust

18. Plates pull apart creating new crust

19. A mountain range running 10,000 miles along the ocean floor

20. Another name for the mantle

Down

1. The layer of the earth that creates the earth's magnetic field

2. The theory that suggests the separation of Pangea

3. Currents in the mantle that moves plate tectonics

5. Another name for the crust

6. A part of the earth's mantle where magma rises to the surface

8. Large landforms rising above the earth's surface caused by convergent boundaries

10. A vibration that travels through the earth with the energy from an earthquake

11. The layer of the earth that is a hot and dense asphalt-like rock that causes plate tectonics to move

14. The densest, hottest layer of the earth located in the center, made up of iron and nickel

17. The shaking of the crust caused by convergent and transform boundaries