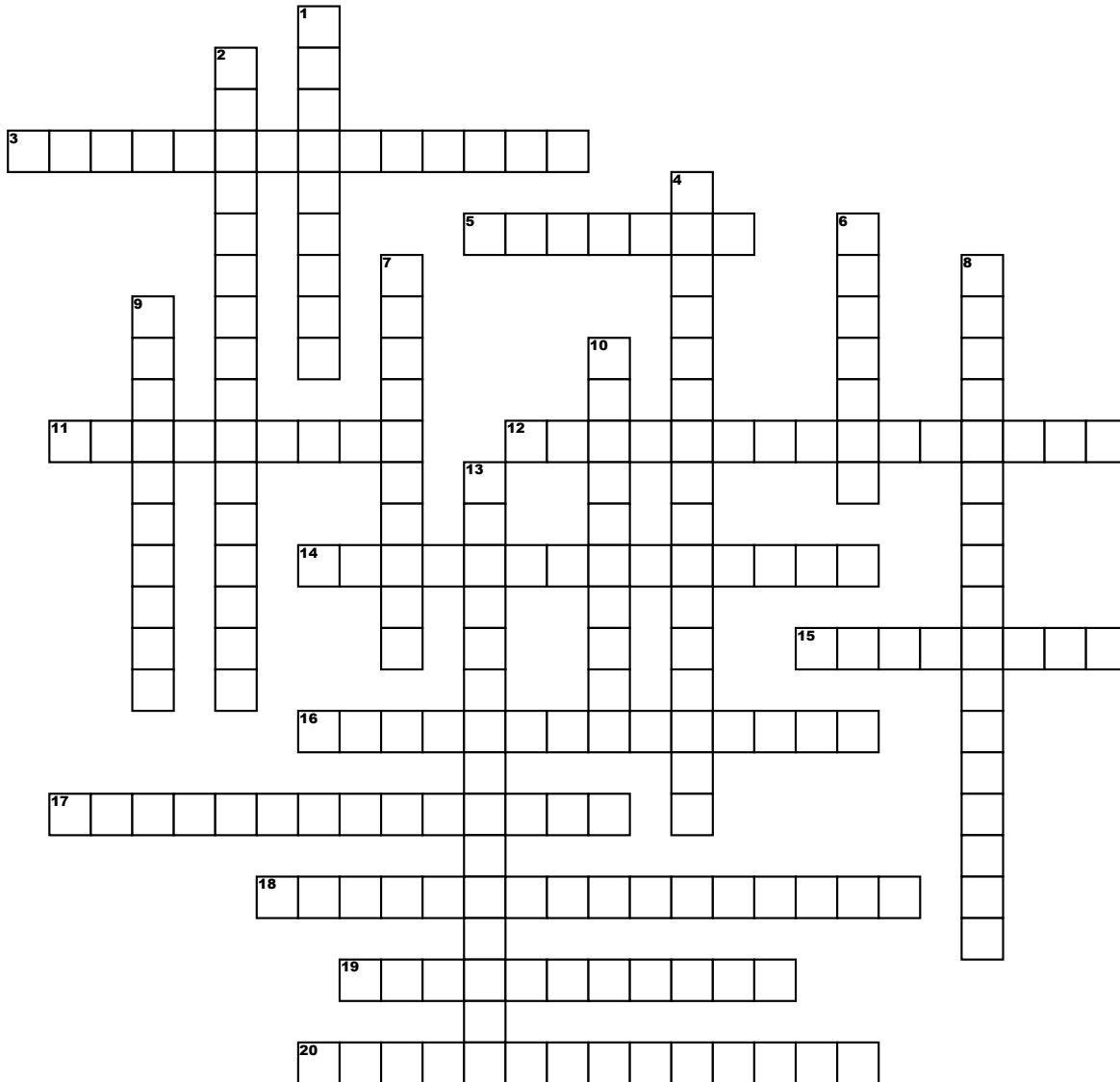


Name: _____

Date: _____

Plate Tectonics



Across

3. when two plates separate

5. all the continents were part of a supercontinent

11. when plates move away from the ridge with force

12. two plates collide

14. rigid slabs of rock, or plates, that move with respect to each other

15. a sinking slab that pulls on the rest of the plate with force

16. mountain ranges in the middle of the oceans

17. a state in which magnetized objects will orient themselves to point north

18. continents are in constant motion on the surface of Earth

19. cold and rigid outermost rock layer

20. two plates slide past each other

Down

1. formed through tectonic forces or volcanism

2. magnetic field reverses direction

4. the opposite of normal polarity

6. a rupture in the crust of Earth

7. shaking of the surface of the Earth

8. new oceanic crust forms along a mid-ocean ridge and older crust moves away from the ridge

9. denser plate sinks below the more buoyant plate

10. the circulation of material caused by differences in temperatures

13. deepest parts of the ocean floor