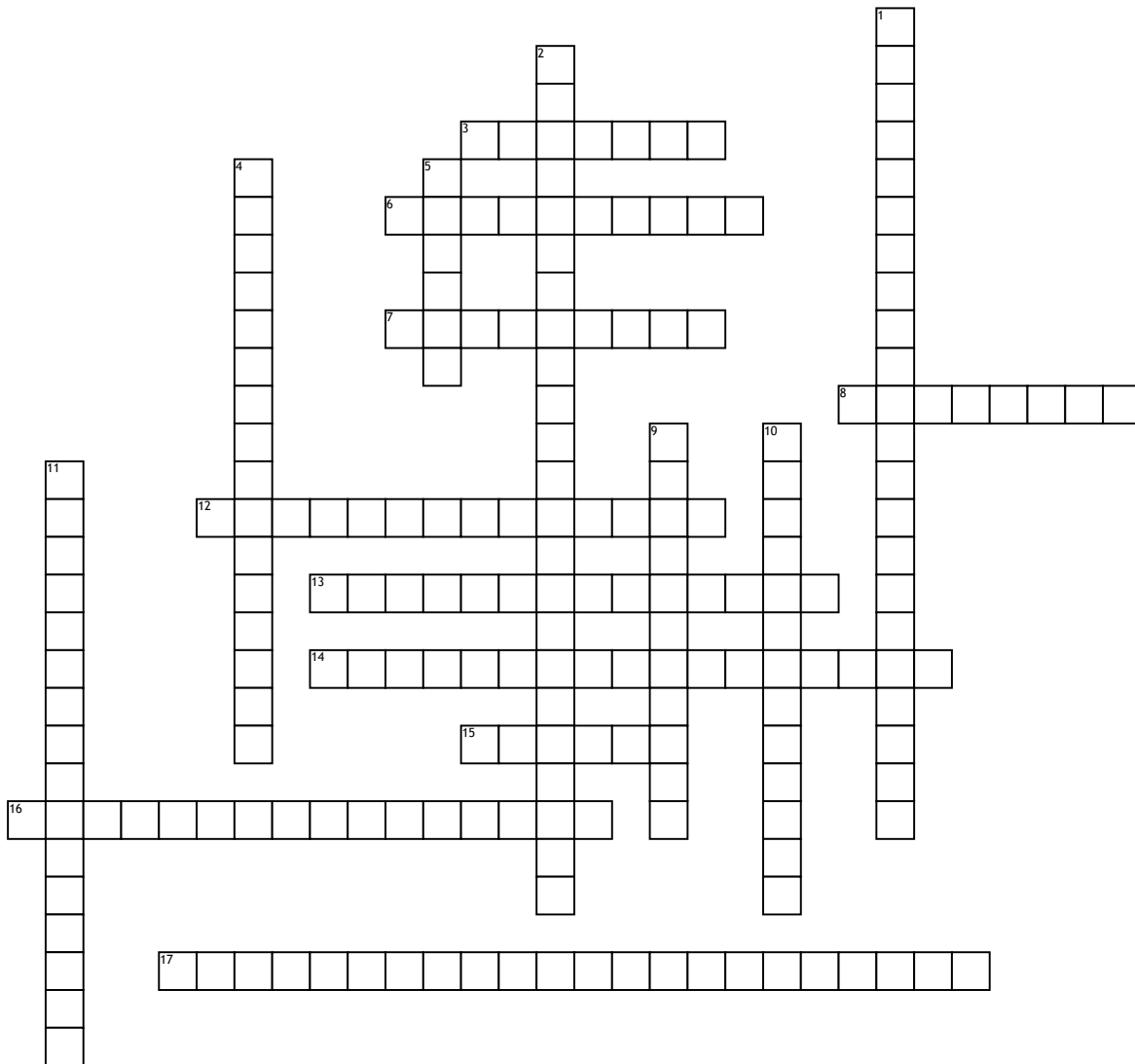


Name: _____

Plate Tectonics



Across

- 3. ancient supercontinent composed of land that forms today's continents
- 6. circulation of material caused by differences in temperature and density
- 7. force created by rising mantle of ocean ridges that creates potential for plates to move away from the ridge
- 8. force created by sinking of a plate, or a slab, that pulls on the rest of the plate subduction sinking of a denser plate below a more buoyant plate at a convergent plate boundary

- 12. today's magnetic field; magnets orient themselves to point north
- 13. theory that Earth's surface is made of rock plates that move with respect to each other
- 14. new oceanic crust forms at a mid-ocean ridge as old oceanic crust moves away
- 15. middle layer of Earth situated between the crust above and the core below
- 16. events in which the magnetic fields reverses direction
- 17. where two plates slide by each other

Down

- 1. where two plates separate
- 2. where two plates collide
- 4. magnetic field in which magnets orient themselves to point south
- 5. naturally preserved remains, imprint, or traces of organisms
- 9. cold, rigid outermost rock layer of Earth
- 10. mountain range located on the seafloor in the middle of the ocean normal conforming to a type, standard, or regular pattern
- 11. hypothesis that continents are in motion