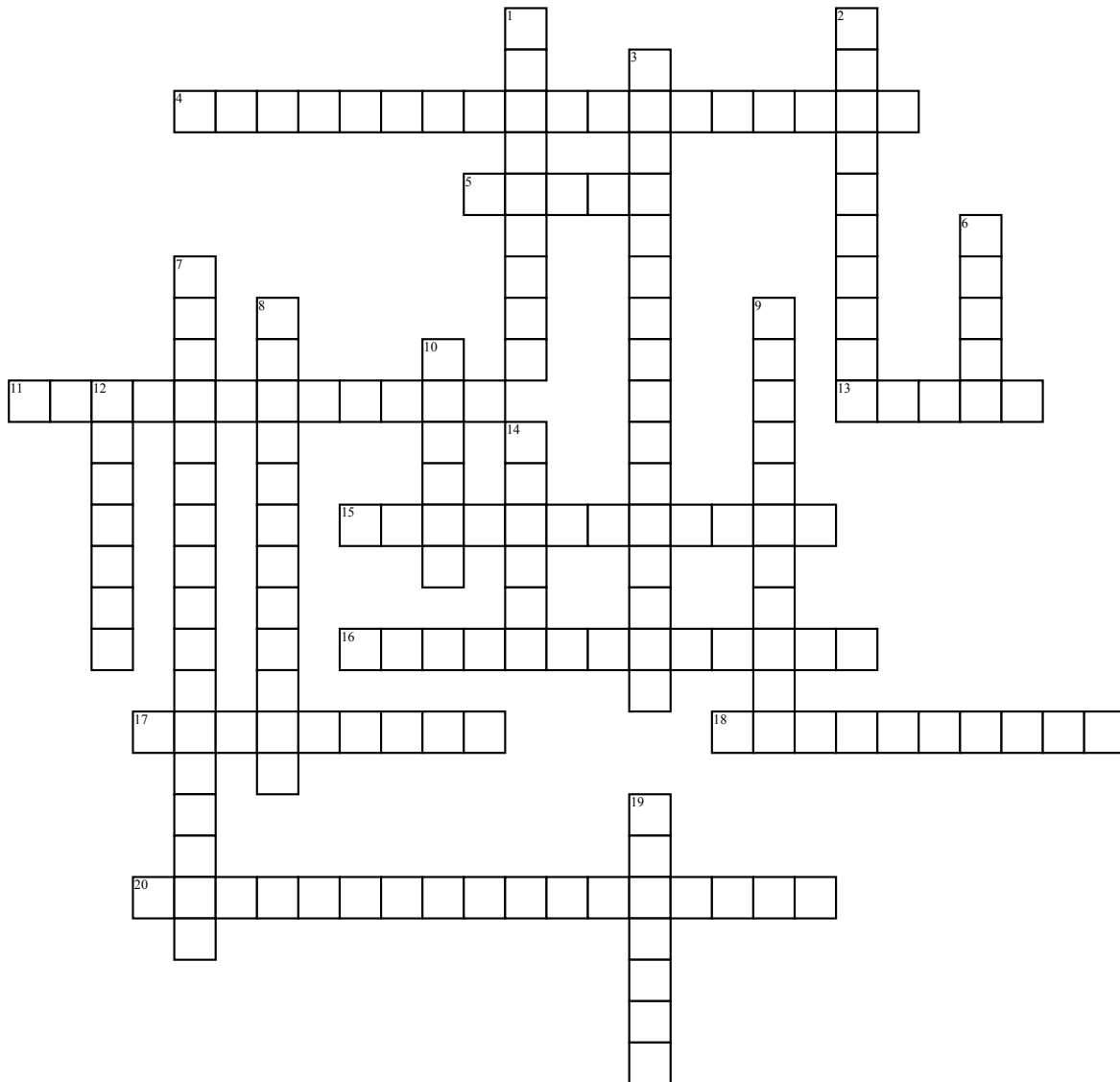


Name: _____ Date: _____ Period: _____

EARTH'S LAYERS AND PLATES PROJECT



Across

4. where one plate slides beneath another plate as the two are pushed together, a subduction zone
5. the outer layer of the earth
11. the point on the Earth's surface where a magnetic needle points vertically downward (north magnetic pole) or vertically upward (south magnetic pole)
13. the planet third in order from the sun
15. is made of basalt, a dark colored rock with fine grains
16. plastic-like layer below the lithosphere in the mantle

17. thick and composed of mostly iron and nickel, and lies above earth's solid inner core
18. lower layer of the mantle that borders the liquid outer core
20. a plate boundary in which plates on opposite sides of the boundary move past each other in opposite directions

Down

1. innermost layer
2. sudden and violent shaking of the ground
3. is made of granite, a light colored rock with coarse grains

6. a fracture or zone of fractures along the boundaries of tectonic plates
7. where two plates are moving in opposite directions as in a mid-ocean ridge
8. an elastic wave in the earth produced by an earthquake or other means
9. rigid, upper part of the mantle and crust
10. the two sub-layers of the earth's crust (lithosphere) that move, float, and sometimes fracture
12. study of the earth
14. largest layer of the earth
19. Mass