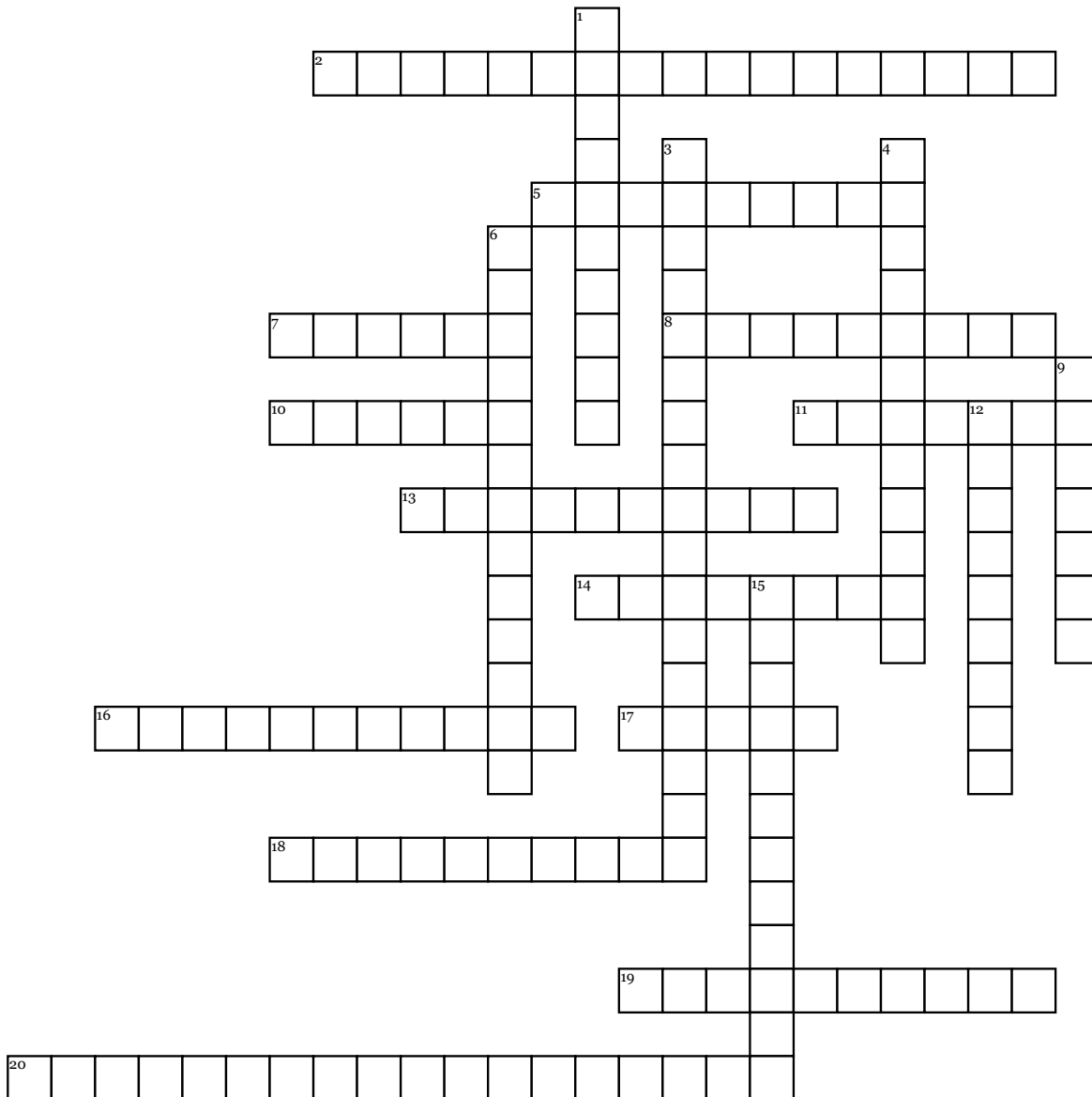


Name: _____ Date: _____ Period: _____

Inside Earth: Plate Tectonics



Across

- 2.** the process which continually adds new material to the ocean floor
- 5.** layer of molten metal which surrounds the inner core
- 7.** dark, dense rock
- 8.** the transfer of empty space
- 10.** layer of hot rock
- 11.** rock that has bigger and denser crystals than basalt
- 13.** scientists that study the forces that make the Earth

- 14.** the force that pushes on a surface or an area

- 16.** uppermost part of the mantle
- 17.** layer of rock that forms Earth's outer skin
- 18.** seven great landmasses that are surrounded by oceans
- 19.** heat transfer by the movement of a heated fluid
- 20.** force that shapes the surface

Down

- 1.** heat transfer by direct contact of particles of matter

- 3.** Forces that wear away features on the surface
- 4.** the movement of energy from a warmer to a cooler object
- 6.** soft layer beneath the lithosphere
- 9.** the measure of how much mass there is in a volume of a substance
- 12.** dense ball of solid metal
- 15.** when earthquakes occur, the produce _____