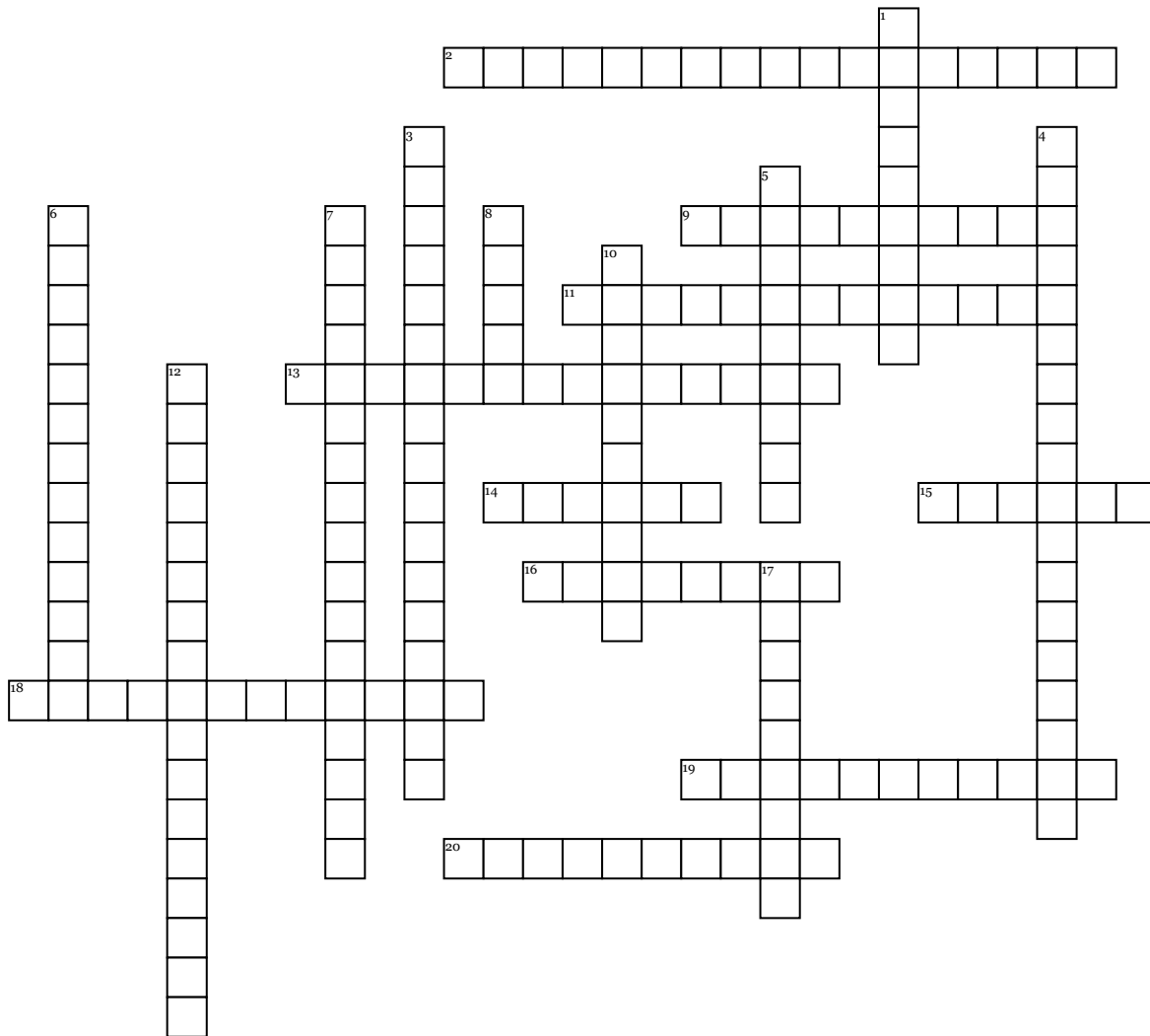


Name: _____

PLATE TECTONICS VOCABULARY



Across

- 2.** a plate boundary is where two plates move away from each other
- 9.** the transfer of thermal energy by movement of fluid
- 11.** a under sea mountain chain where new ocean floor is produced
- 13.** the theory that pieces of Earth lithosphere are in constant motion
- 14.** a break or crack in Earth's lithosphere along which the rocks move
- 15.** The layer of hot, solid material between Earth's crust and core
- 16.** the force exerted on a surface divided by the total area over which the force exerted
- 18.** vibrations that travel through Earth carrying energy that is released during an earthquake

- 19.** A rigid layer made up the uppermost part of the mantle and crust
- 20.** the direct transfer of thermal energy from one substance to another substance that is touching.

Down

- 1.** A layer of the molten iron and nickel that surrounds the inner core of Earth
- 3.** the movement of a fluid, caused by differences in temperature, that transfers heat from one part of fluid to another
- 4.** a plate boundary where two plates move toward each other
- 5.** a dense sphere of iron and nickel at the center of Earth
- 6.** the soft layer of the mantle which the lithosphere floats

- 7.** the process by which molten materials adds new oceanic crust to the ocean floor
- 8.** The layer of rocks that forms Earth's outer surface
- 10.** a deep valley that forms where two plates move apart
- 12.** a plate boundary where two plates move past each other in opposite directions
- 17.** the direct transfer of energy through space by electromagnetic waves