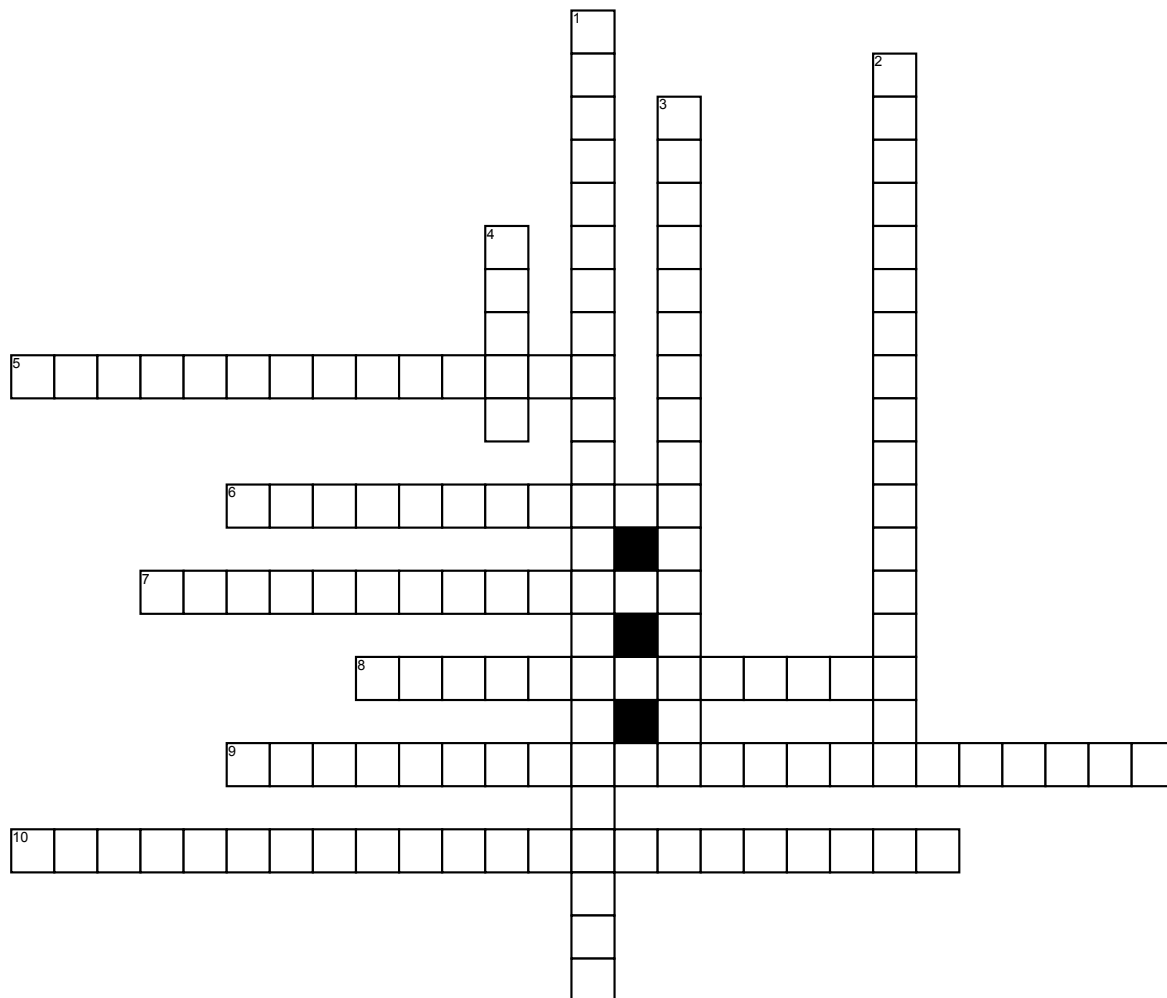


Name: _____ Date: _____ Period: _____

PLATE TECTONIC CROSSWORD PUZZLE



Across

- 5. the divisions of earth's outer shell that glide over the mantle
- 6. the rigid outer layer of the earth, consisting of the crust and upper mantle
- 7. a long narrow mountain chain found on the floor of the ocean
- 8. the upper layer of the earth's mantle, below the lithosphere, in which there is relatively low resistance to plastic flow and convection is thought to occur
- 9. the theory that continents have moved slowly to their current locations and continue to move.

- 10. a tectonic boundary where two plates are moving away from each other and new crust is forming from rising magma

Down

- 1. the process by which new oceanic crust forms along mid ocean ridges and the older crust moves away from the ridge
- 2. the transfer of heat energy that results from magma becoming heated, less dense, and rising eventually cooling at the surface, becomes more dense and sinks
- 3. an event that causes the magnetic field on earth to reverse its direction
- 4. the distance from the surface of the ocean to the ocean floor