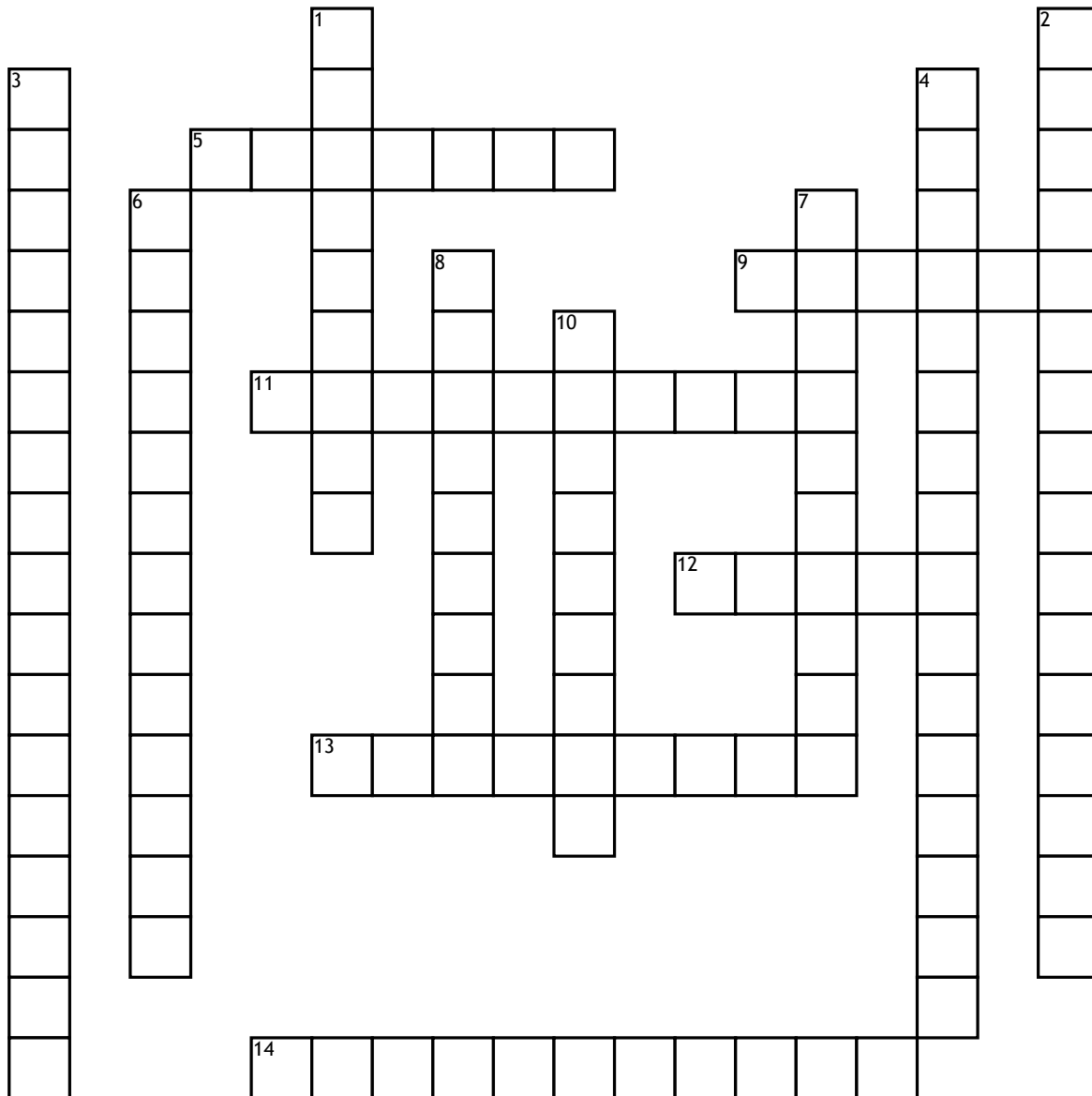


Name: _____

Date: _____

Tectonic Plates



Across

5. A supercontinent that incorporated all the land masses on earth.
 9. Made up of semi-molten rock (magma). Located just inside of the crust.
 11. Plates colliding into each other
 12. Outer layer of the earth
 13. convection motion within in this region along with the rotation of the earth creates an effect that maintains the Earth's magnetic field.

Down

1. solid and unattached to the mantle.
 2. The alignment of magnetic minerals in the ocean.
 3. Plate movements underwater, which creates Ocean ridges and trenches.
 4. The gradual movement of the continents across the earth's surface through geological time.

6. 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.
 7. Caused by rapid movement of the earth as tectonic plates move past each other.
 8. Plates moving away from each other
 10. Plates travel past each other