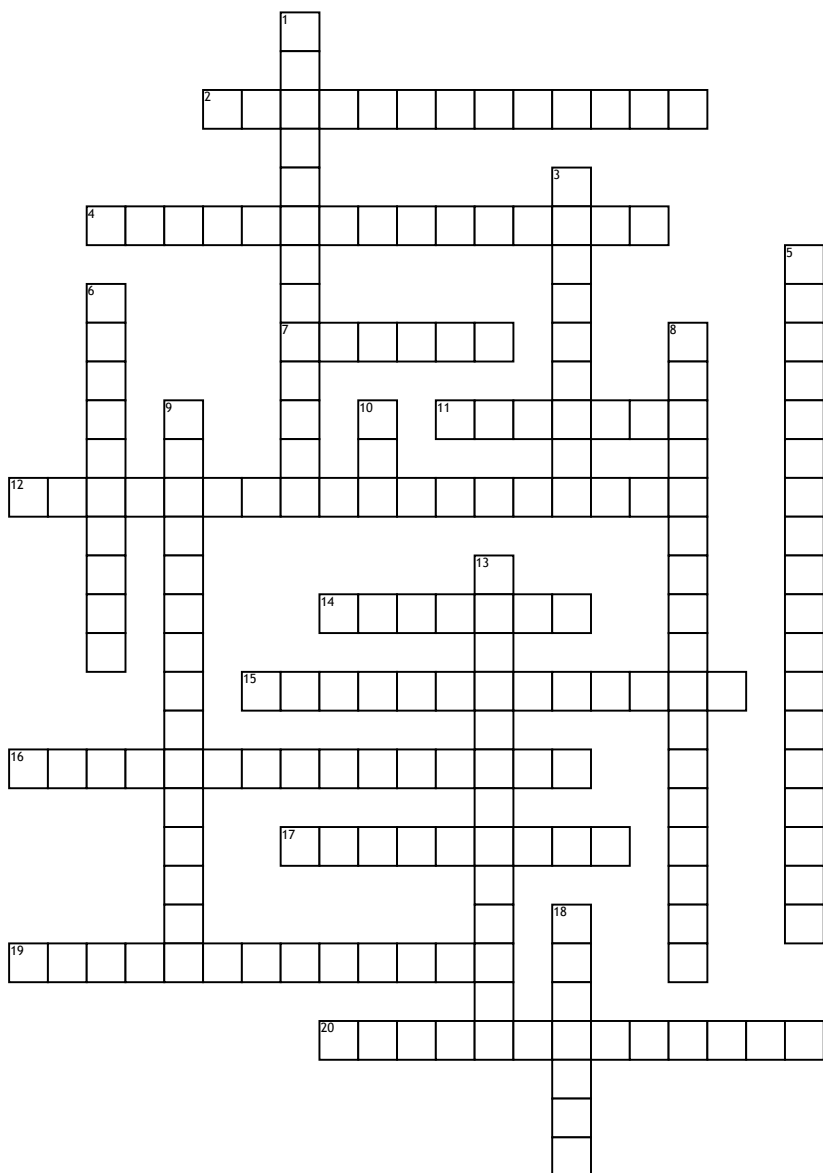


Name: _____

Date: _____

Unit 9 Crossword



Across

2. Surrounds every electric charge and exerts forces on other electric charges
 4. The flow of electric charge, measured in amperes
 7. Light display that occurs when charged particles trapped in the magnetosphere collide with Earth's atmosphere above the poles
 11. A measure of the amount of electrical potential energy an electron following in a circuit can gain
 12. Electric current that changes its direction repeatedly
 14. States that the current in a circuit equals the voltage divided by the resistance in the circuit
 15. Electric current that flows only in one direction

16. Imbalance of electrical charge on an object
 17. Material that easily transfer electrons
 19. Attractive or repulsive force exerted by all charged objects on each other
 20. Circuit that only has one path for electric current to follow

Down

1. MAGNET CREATED by wrapping a current carrying wire around an iron core
 3. Device that uses a magnet field to turn kinetic energy into electrical energy
 5. Rapid movement of excess charge from one place to another
 6. Measure of how difficult it is for electrons to flow in a material

8. Material which does not transfer electricity easily
 9. Circuit that has more than one path for the electric current to follow
 10. Atom that is positively or negatively charged because it has gained or lost electrons
 13. Attractive or repulsive force exerted by all charged objects on each other
 18. Closed conducting loop in which electric current can flow continually