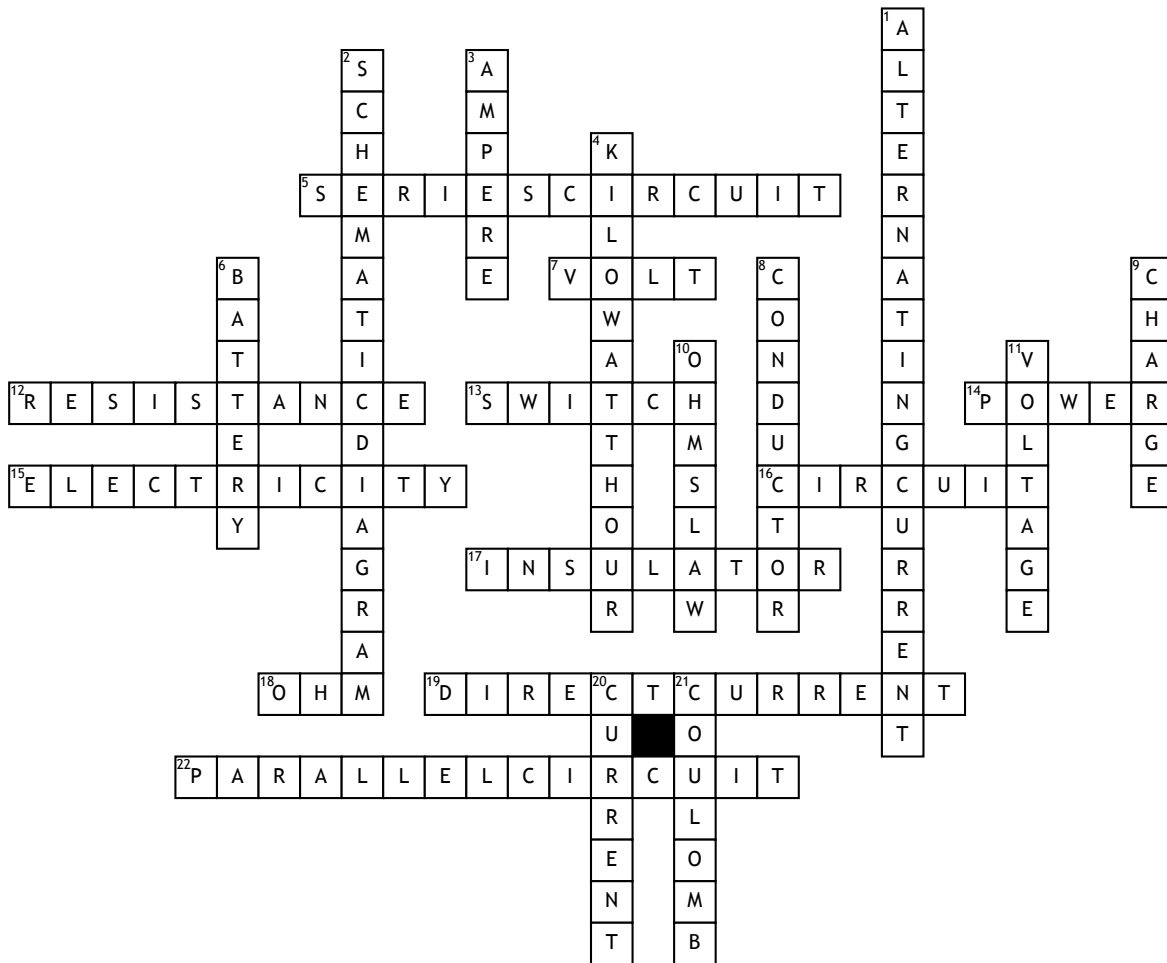


Name: _____

Date: _____

ELECTRICITY



Across

5. An electric circuit with only one path through which charge can flow
 7. Voltage unit
 12. The opposition to the flow of electric charges in a material
 13. One turns lights on and off with this
 14. ____=work/time
 15. A form of energy resulting from existence of charged particles
 16. Series or Parallel
 17. Does not conduct heat well

18. ____ Law states a relationship between voltage, current, and resistance
 19. An electric current in which the flow of electric charge stays flowing in the same direction
 22. An electric circuit with two or more paths through which charges can flow

Down

1. An electric current in which the flow of electric charge periodically reverses direction
 2. Representation of elements using abstract symbols instead of realistic objects

3. SI unit: A and for short, "amp"
 4. A unit of energy equivalent to one kilowatt of power sustained for one hour
 6. Without this, a circuit would not work
 8. Conducts heat well
 9. Positive or negative
 10. $V=IR$
 11. ____= IR
 20. Electricity flows between these
 21. Unit of electric charge