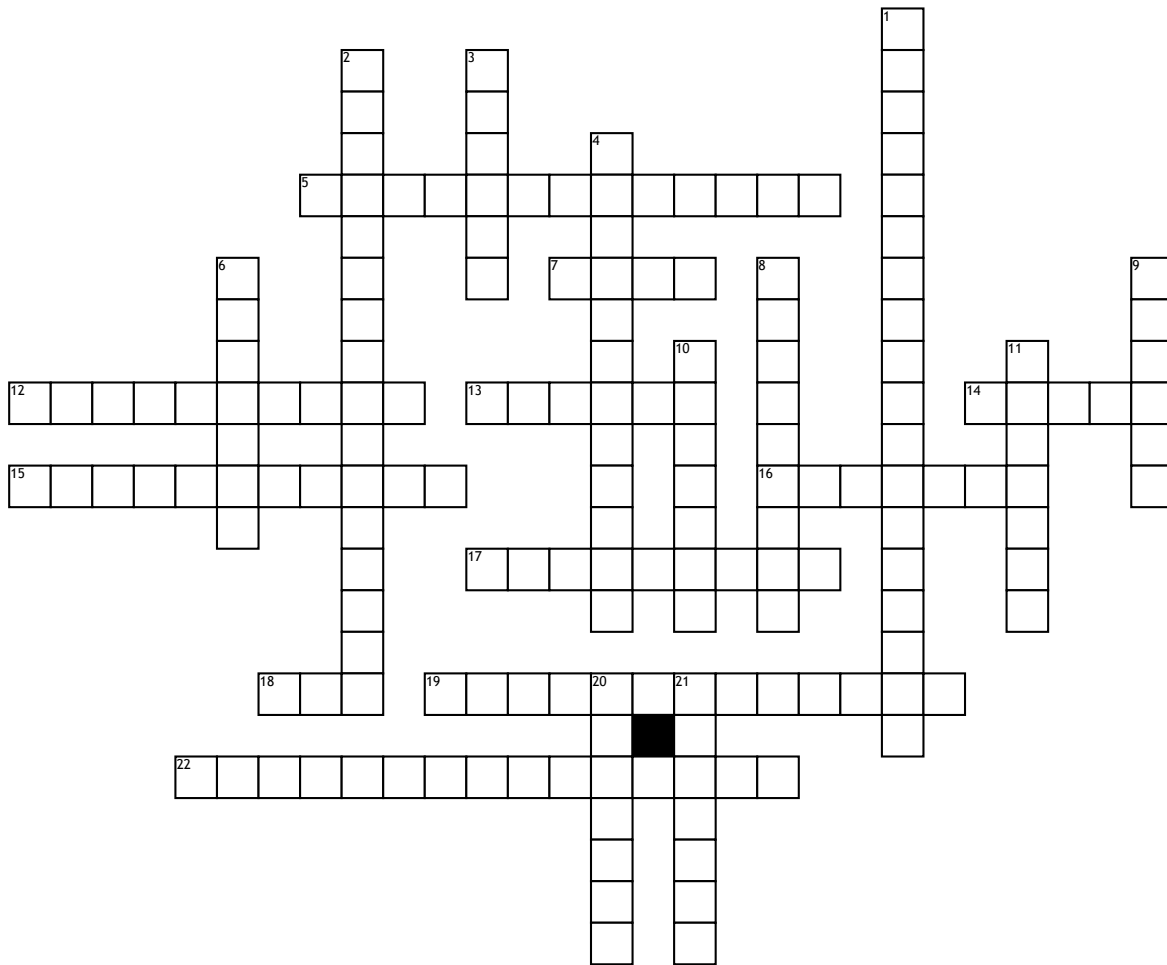


Name: _____

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