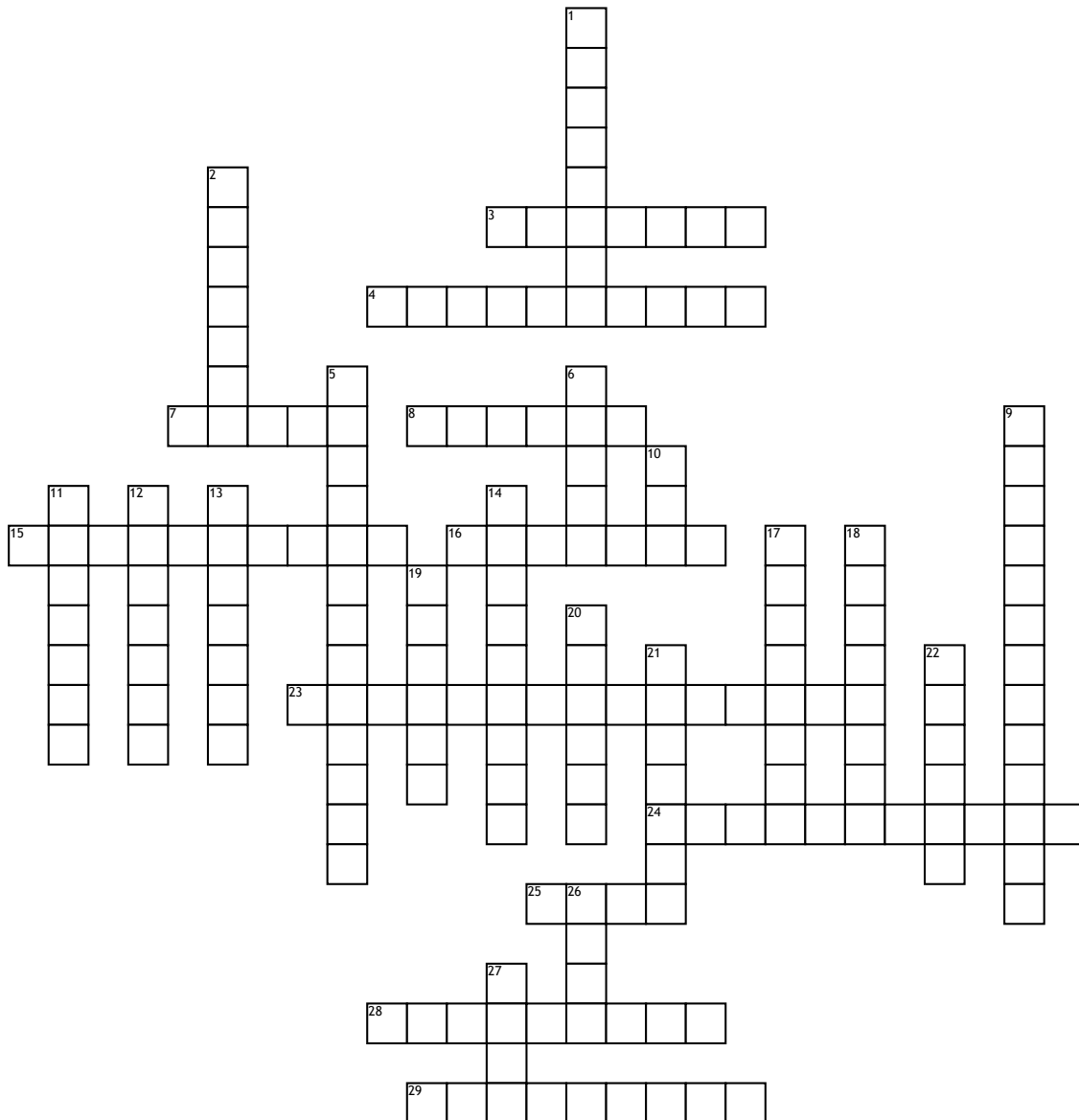


Name: _____

Date: _____

4th Quarter Vocabulary Test Review



Across

3. A measure of electric potential energy.
 4. A measuring instrument for current, voltage, and resistance.
 7. Unit of motion that repeats.
 8. describes a circuit with the switch in the on position, so there are no breaks and charge can flow.
 15. Determines how much current flows for a given voltage.
 16. the unit for electric charge
 23. These allows current to flow without losing any energy as heat or light.
 24. the science of electric charge and current.
 25. The measurement unit for voltage.
 28. this is created when negative charges in the cloud are attracted to the positively charged ground.

29. A material with high electrical resistance.

Down

1. A device that swings back and forth due to the force of gravity.
 2. A device that transforms chemical energy to electrical energy, and provides electrical force in a circuit.
 5. A material between conductor and insulator in its ability to carry current.
 6. like or similar electrical charged objects do this
 9. A type of variable resistor that can be adjusted to give resistance within a certain range.
 10. The unit of measurement for resistance.
 11. describes an object that has equal amounts of positive and negative charges.
 12. an electric _____ is a complete path through which electric charge can flow.

13. opposite electrical charged objects do this

14. A material with low electrical resistance.
 17. Motion that repeats in cycles.
 18. a component that is used to control current in many circuits.
 19. The unit of electric current.
 20. Motion that goes from one place to another without repeating.
 21. electric _____ is the flow of electric charge.
 22. a device for alternately allowing and not allowing charge to flow in a circuit.
 26. describes a circuit with the switch in the off position, so there is a break and charge cannot flow.
 27. This law states that the current is directly related to the voltage and inversely related to the resistance.