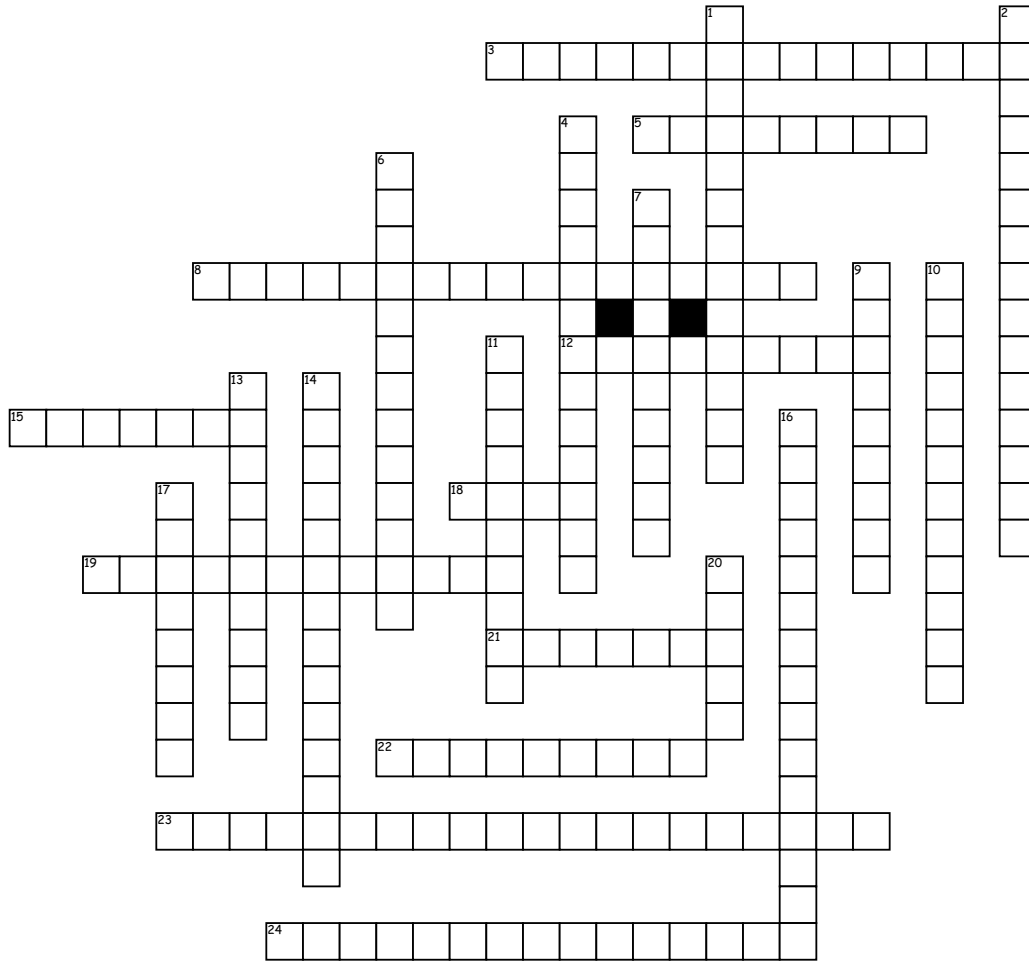


Electricity Vocab Words



Across

3. In this circuit, different parts of the circuit are separate branches.

5. Is the transfer of electrons from one uncharged object to another by rubbing objects together.

8. The buildup of charges on an object.

12. When a metal object is close to a negatively charged object, electrons are repelled by the field and move away from it. The close end of the metal object becomes positively charged, and the far end becomes negatively charged.

15. Is the difference in electric potential energy per charge between two points in a circuit.

18. Are devices that melt if they get too hot, this breaks the circuit.

19. Is a connection that allows current to take the path of least resistance.

21. Says that resistance in a circuit is equal to voltage divided by current.

22. Are materials such as rubber that do not allow charges to flow

23. Charges are neither created nor destroyed.

24. A complete, unbroken path that charges can flow through.

Down

1. All parts of an electric circuit are connected one after another along one path.

2. The loss of static electricity as electric charges transfer from one object to another is...

4. Is a region around a charged object where the object's electric force is exerted on other charged objects'.

6. The force between charged objects.

7. Connects the metal part of appliances to the building's ground wire.

9. Is a material through which charge can flow easily.

10. In other objects, electrons move only within their own atoms. The electrons react to electric fields resulting in individual atoms having charged ends that are attracted to charged objects.

11. Is the transfer of electrons from one object to another by direct contact.

13. Is the measure of how difficult it is for charges to flow through an object.

14. Are switches that will bend away from the circuits as they heat up.

16. Is the continuous flow of electric charges through a material.

17. Any circuit connected to the in this way is...

20. The rate at which energy is transformed from one form to another.

Word Bank

Static Electricity

Voltage

Electric Force

Insulator

Power

Circuit Breaker

Friction

Conduction

Conservation of Charge

Fuse

Parallel Circuit

Induction

Grounded

Electric Current

Conductor

Ohm's law

Static Discharge

Resistance

Electric Field

Short Circuit

Electric Circuit

Third Prong

Polarization

Series Circuit