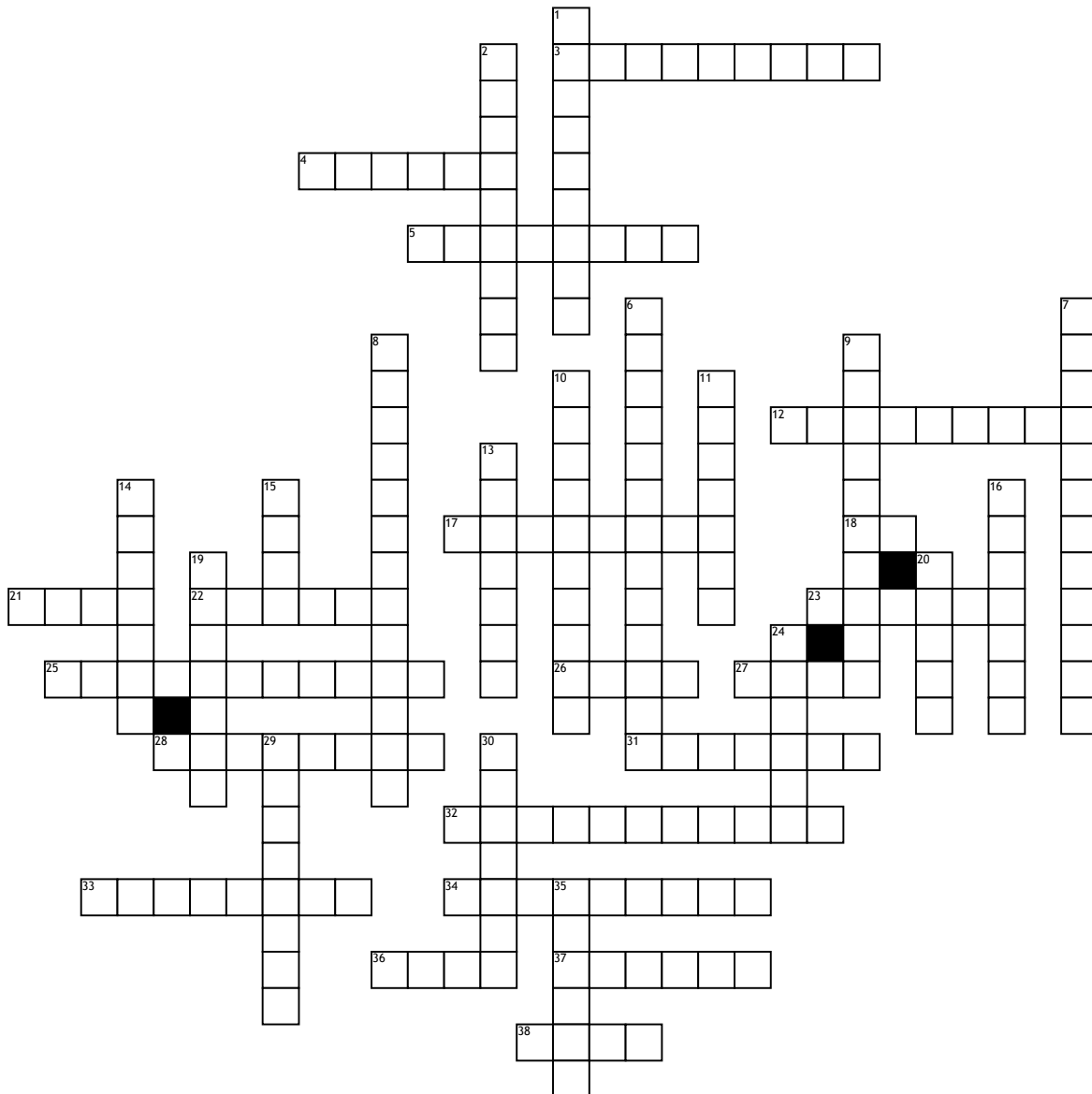


# Electricity



## Across

3. Electric charges do not flow freely  
 4. When objects rub together they can cause a electric shock  
 5. A connection for closing an electric circuit  
 12. A material or object that keeps the heat  
 17. When the power goes out  
 18. An electric current in which the flow of electric charge periodically reverses direction and only flows in one direction.  
 21. When electricity is running through the wire or the switch is turned on it is ....  
 22. a electrical system is working  
 23. Cu  
 25. What you need in every day living  
 26. A set of wires that carry a electricity supply  
 27. The SI derived unit of electric resistance  
 28. A children's show with a green turtle that has the same name

31. A gear in a car. Usually a ute  
 32. an apparatus for reducing or increasing the voltage of an current.  
 33. They can be used to reduce current flow  
 34. To start a broken down car  
 36. Rhymes with bolt  
 37. A electrical power supply  
 38. an electronic listening device that can be concealed on a person

## Down

1. Somethings that lights up the sky in a electricity storm  
 2. B belongs to the lepton particle family  
 6. Death caused by electric shock  
 7. a bad connection in the wires of a piece of electrical equipment, which stops the equipment from working  
 8. To use water power to produce electricity  
 9. Farmers use them when they don't have a power source near by

10. Too much power into a battery  
 11. measuring instrument used to measure the current in a circuit  
 13. He discovered animal electricity  
 14. A unit used to measure electric current  
 15. A sudden strong increase in energy  
 16. A charge carried by moving electrons in a wire  
 19. Chemical energy is converted into electricity for a source of power  
 20. a sudden increase in the amount of electricity that a system produces  
 24. Negative and positive  
 29. There's positive and ..... ?  
 30. Move all the way around  
 35. A positive electric charge equal in magnitude to a electron