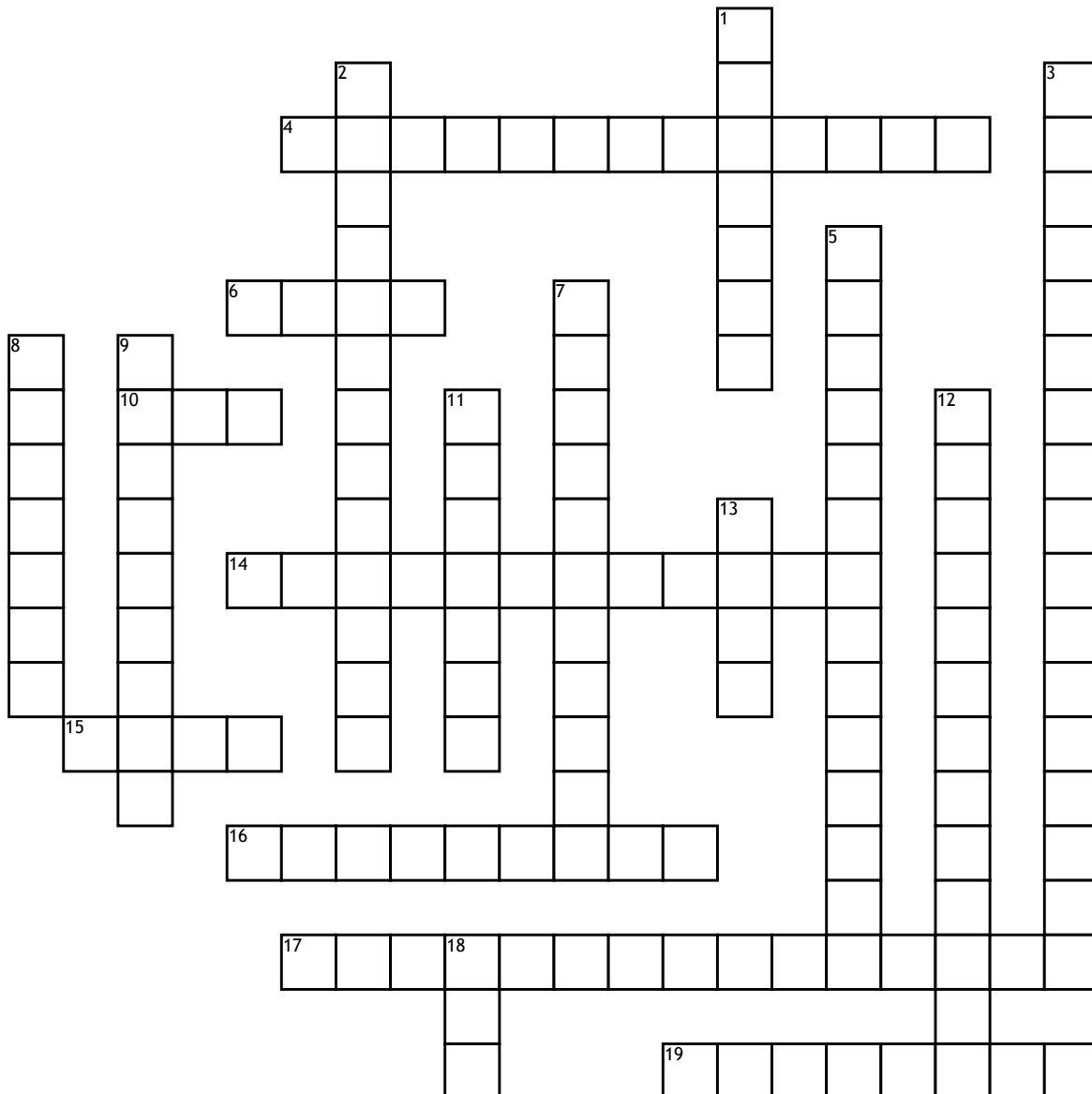


Electricity



Across

4. The circuit is complete so the electrons can flow freely
6. SI unit of power
10. SI unit of resistance
14. Frayed wires that can touch causing and alternate path
15. SI unit of voltage
16. Material that does not allow electricity to move
17. Multiple paths are formed for electric current to flow
19. Something that slows down the flow of current through a circuit

Down

1. A set of electricity components connected so that they provide one or more paths for the movement of electric charges
2. The rate at which electrical energy is converted into other forms of energy
3. When a device or outlet has too much current
5. A switch will automatically open when the current is too strong
7. A circuit that has lost its connections so the electrons cannot flow

8. The flow of electricity through a circuit

9. Material that allows electricity to move freely

11. Pressure from electrical circuit's power source that pushes current through the circuit

12. A single path for electric current to flow

13. Device that prevents an overloaded circuit by melting if the current is too strong

18. SI unit of current