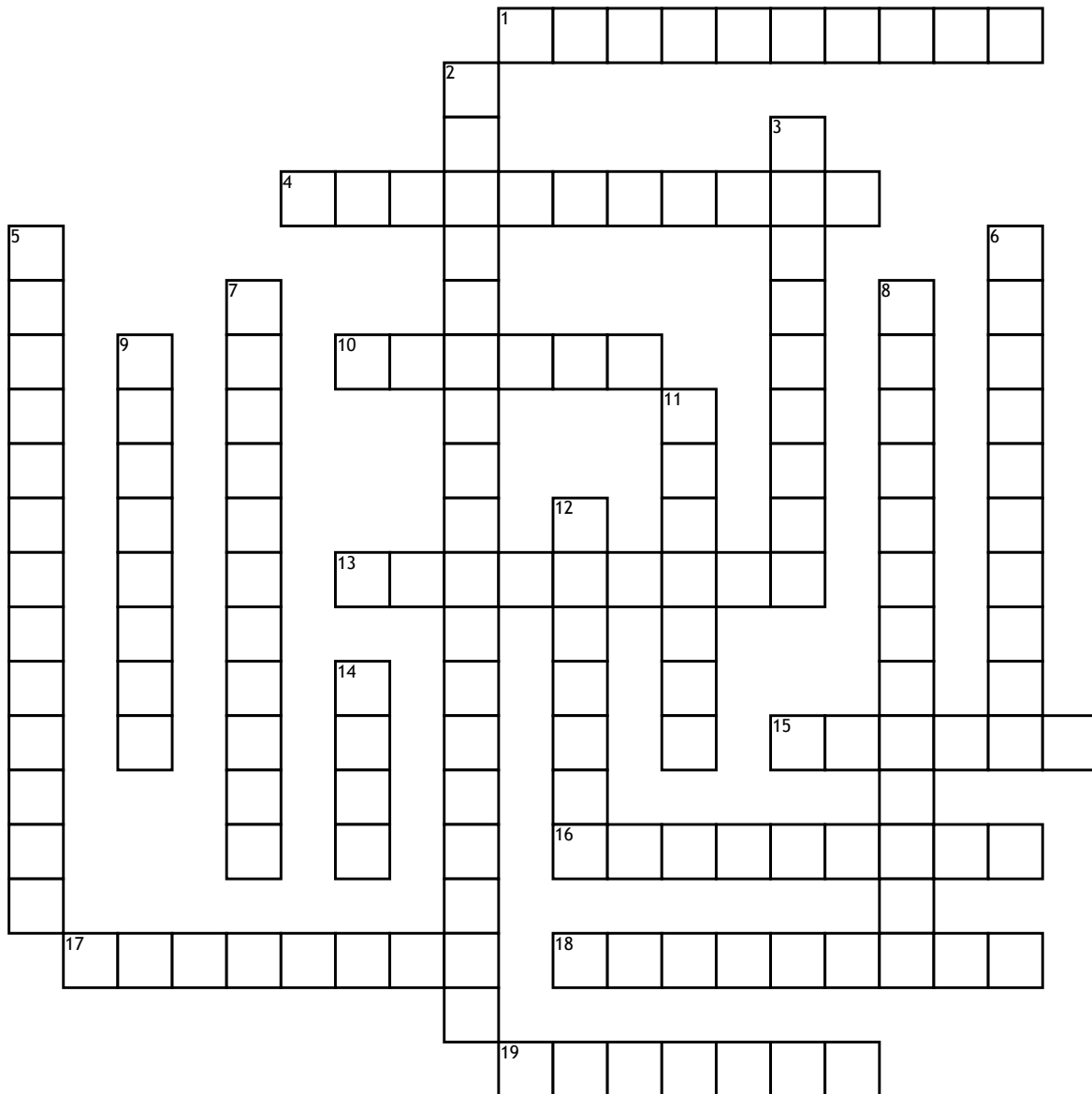


Year 9 Science - Electricity



Across

- 1. 240v power supplied to homes in Australia
- 4. Energy used by components in a circuit
- 10. A property of a wire that determines the resistance
- 13. Material that allows electrons to pass through them freely, low resistance
- 15. Type of circuit used to connect ammeter to circuit
- 16. Another property of a wire that determines the resistance

- 17. Particles that carry charge in a circuit
 - 18. Material with high resistance, does not allow electrons to flow through easily
 - 19. Instrument used to measure current
- Down**
- 2. Electrons shuffle back and forth in the circuit
 - 3. Instrument used to measure voltage
 - 5. Energy supplied to charges by power source

- 6. Restriction to flow of electrons
- 7. Used to reduce 240v to more useful voltage
- 8. Electrons travelling in same direction of the circuit
- 9. Type of circuit used to connect voltmeter to circuit
- 11. Measure of amount of electrical energy in a circuit
- 12. Flow of charge
- 14. Form of energy released due to high resistance in a circuit