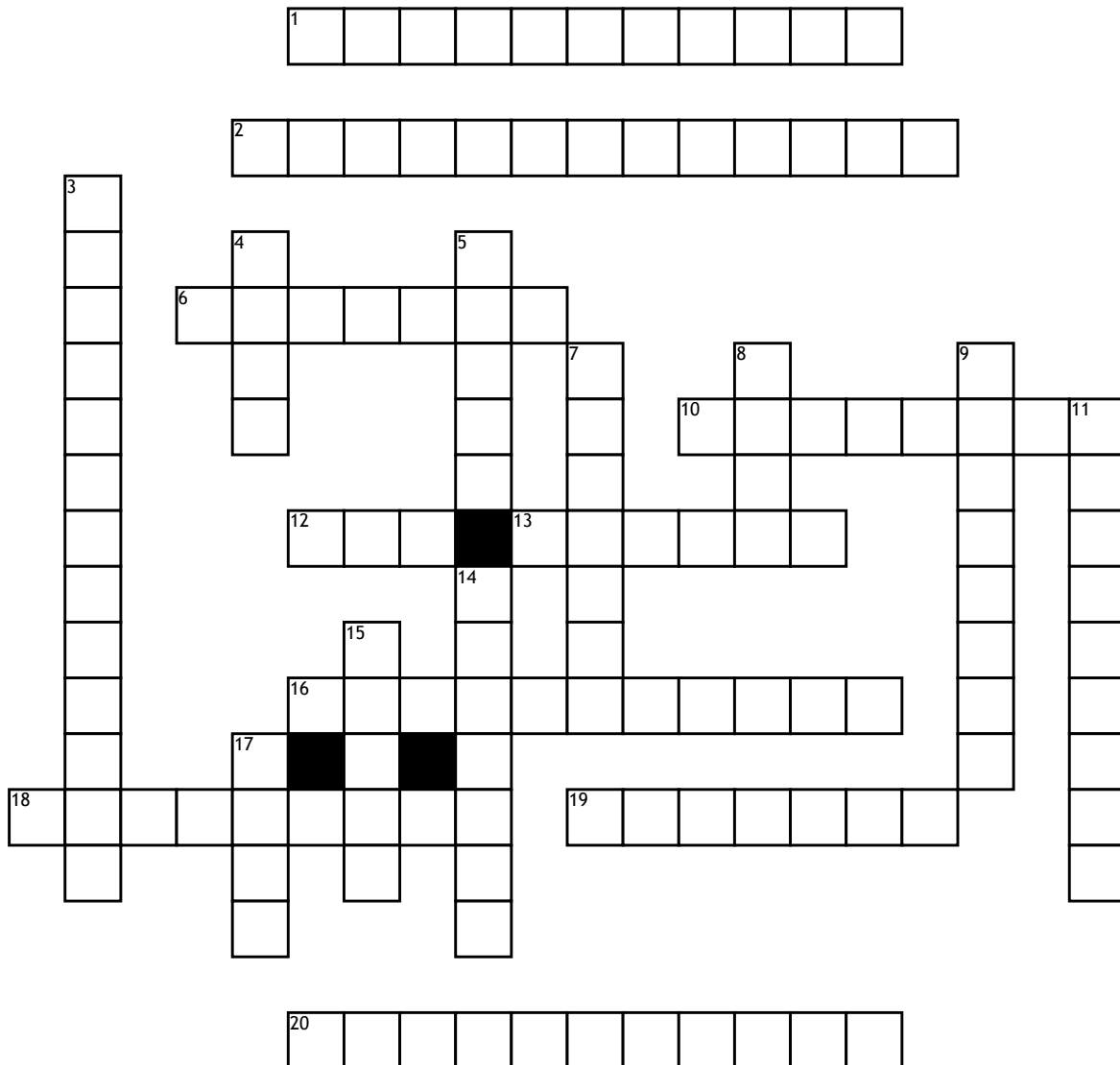


Ch 4 Electric Circuits



Across

- 1. To calculate parallel resistance
- 2. Only one path for current
- 6. Relationship between current, voltage, and resistance
- 10. more than one path
- 12. Resistance in series circuit
- 13. Metal with low resistance

- 16. One factor that determines resistance
- 18. Lets electrons flow easily
- 19. Electric Potential difference
- 20. electricity does not flow

Down

- 3. material only lets some electrons flow
- 4. units for resistance
- 5. Current produced by 3 volts and 0.5 ohms

- 7. battery with 2 amps and 6 ohms resistance
- 8. Current in series circuit
- 9. Metal iwth high resistance
- 11. Uses 60 watts of power
- 14. Units for current
- 15. units for push of battery
- 17. Protects electrical devices from too much current