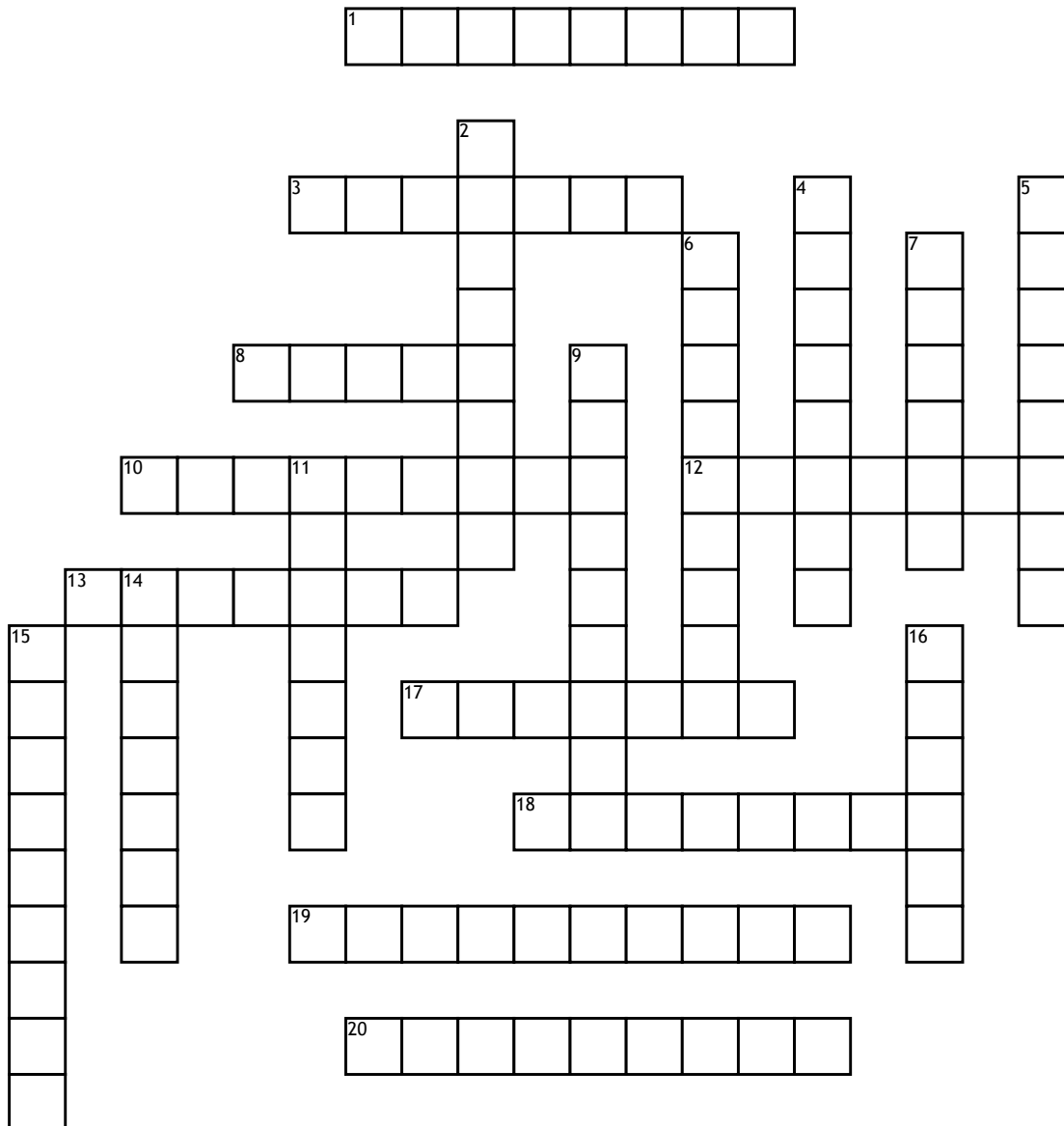


# Electro Puzzle



## Across

1. A voltmeter is used in \_\_\_\_\_ with the circuit.
3. It is used to measure current.
8. The unit of potential difference and emf
10. Current is considered to be the movement of \_\_\_\_\_.
12. A unit of charge that contains  $6.25 \times 10^{18}$  electrons
13. The part of an atom that has no electric charge
17. A voltage source that converts chemical energy to electrical energy

18. A solder joint that does not conduct electricity

19. A resistive component that is designed to be temperature sensitive

20. A diagram that shows the electrical connections of the electronic components

## Down

2. This component reduces the flow of electricity
4. A material that is composed of a mixture of elements
5. An adjustable resistor

6. This component stores electric charge

7. An atom's atomic number is determined by its number of \_\_\_\_\_.

9. A material that opposes the movement of free electrons

11. A flow of electric charge

14. A substance that is found only in its pure form

15. Electricity can flow through

16. A device that opens or completes an electrical path