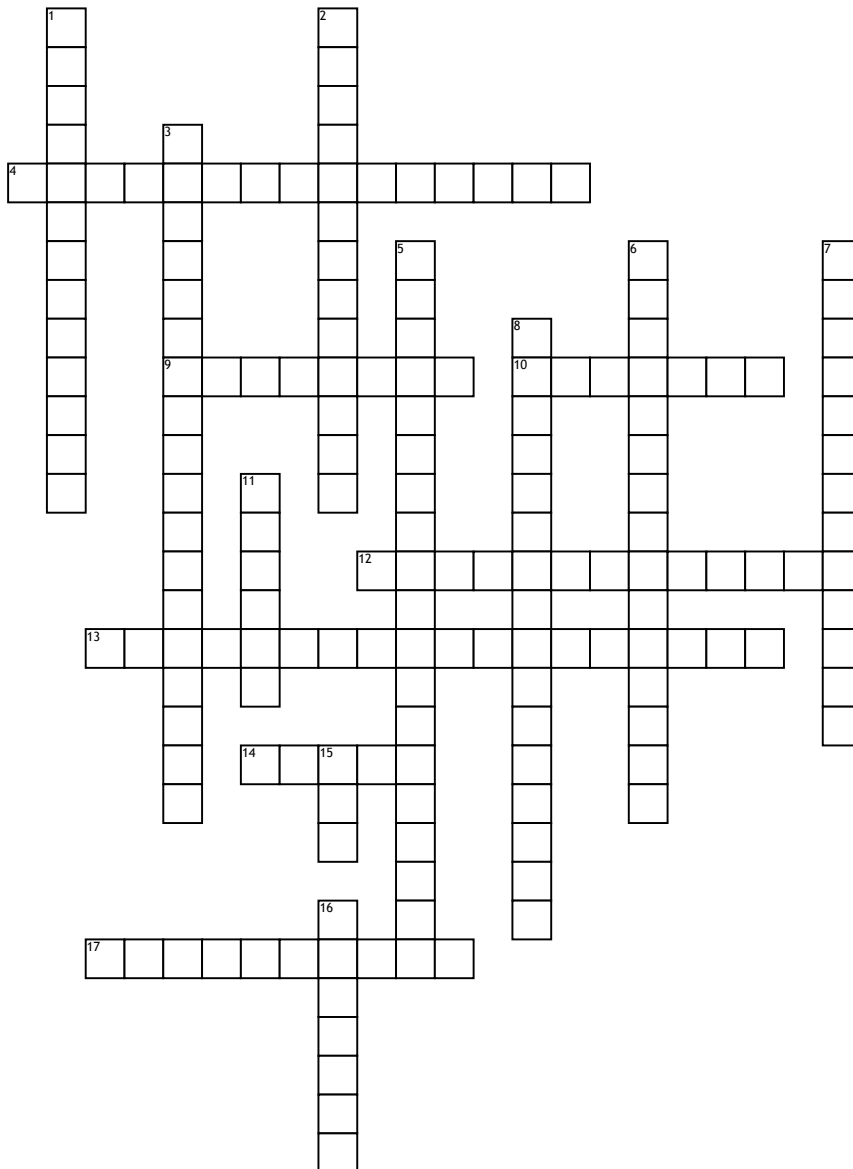


# Physics Chapters 34 & 35 Crossword



## Across

4. An electric circuit in which devices are connected to the same 2 points of the circuit, so that any single device completes the circuit independently of the others
9. Term applied to portions of an electric circuit that are connected in a row so that the current that goes through one must go through all of them.
10. Any complete path along which charge can flow
12. The rate at which electrical energy is converted into another form, such as light, heat, or mechanical energy.

13. Electric current that repeatedly reverses direction, twice each cycle

14. An electronic device that restricts current to flow in a single direction in an electric circuit.

17. Term applied to portions of an electric circuit that are connected at 2 points and provide alternative paths for the current between those two points.

## Down

1. A device, such as a dry cell or generator, that provides a potential difference.

2. Electric current whose flow of charge is always in one direction.

3. The resistance of a material to the flow of electric current through it.

5. The difference in electric potential between 2 points.

6. The flow of electric charge.

7. An electric circuit in which devices are arranged so that charge flows through each in turn.

8. Diagram that describes an electric circuit, using special symbols to represent different devices in the circuit.

11. SI unit of electric current.

15. The SI unit of electric resistance.

16. The statement that the current in a circuit is directly proportional to the voltage impressed across the circuit, and is inversely proportional to the resistance of the circuit.