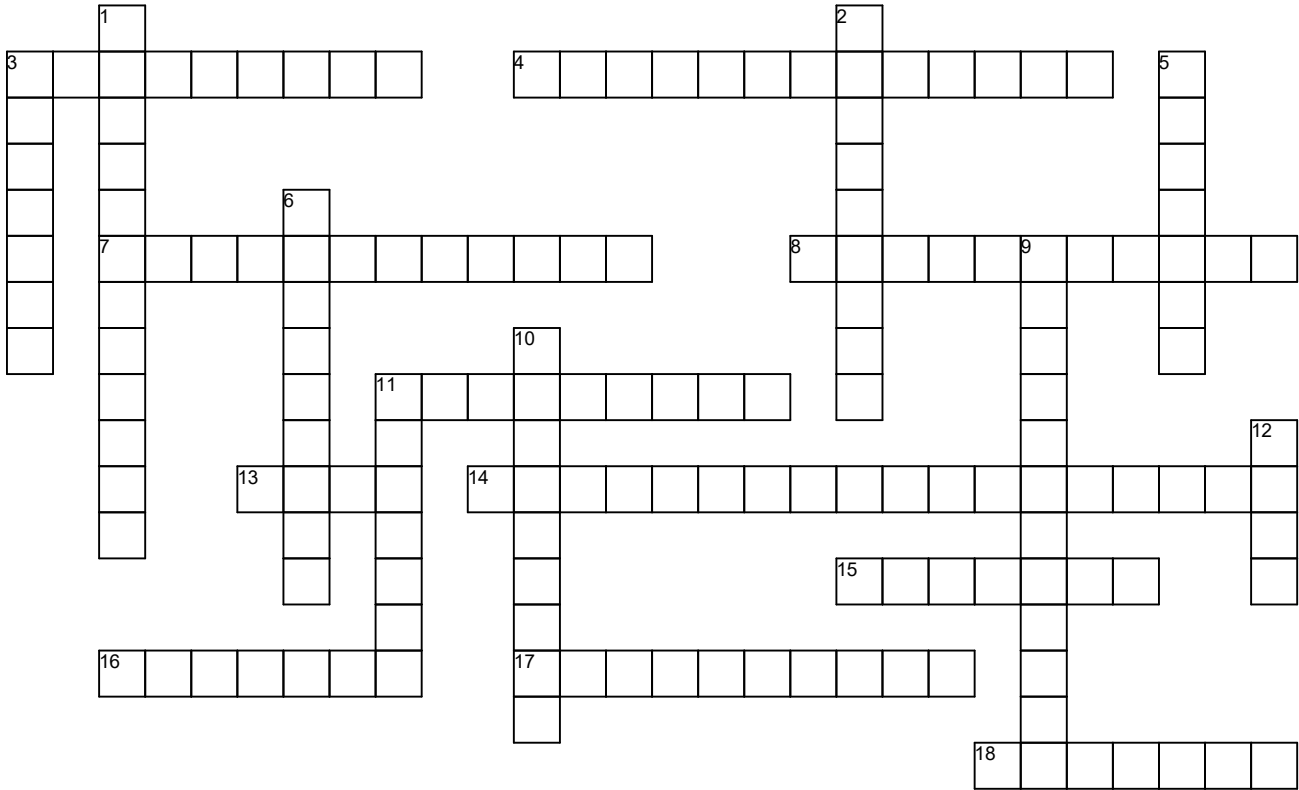


# Physics Terms Crossword Puzzle 1-1

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



## ACROSS

3. A material that allows the flow of electrical current.
4. A reaction in which the products themselves spread the reaction.
7. The rate of change of velocity per unit of time.
8. The bending of waves around obstacles.
11. The science of the origin and development of the universe.
13. Scientist known for his model of the atom.
14. An electric current that reverses its direction periodically.
15. A device that stores chemical energy and converts it to electrical energy.
16. The flow of electric charge.
17. A type of matter hypothesized to account for a large part of the total mass in the universe.
18. Effect observed when the source of a wave moves relative to an observer.

## DOWN

1. A subatomic particle having the same mass as a given particle but opposite electric or magnetic properties.
2. A device used to store an electric charge.
3. The negatively charged electrode.
5. Mass per unit volume of a substance.
6. A region of space having a gravitational field so intense that no matter or radiation can escape.
9. The lowest temperature possible, where no thermal energy remains in a substance.
10. The maximum extent of a vibration or displacement.
11. A closed loop that allows current to flow.
12. The basic unit of a chemical element.

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dark matter

alternating current

battery

diffraction

circuit

Bohr

chain reaction

atom

amplitude

cosmology

density

capacitor

acceleration

doppler

antiparticle

conductor

absolute zero

black hole

current

cathode