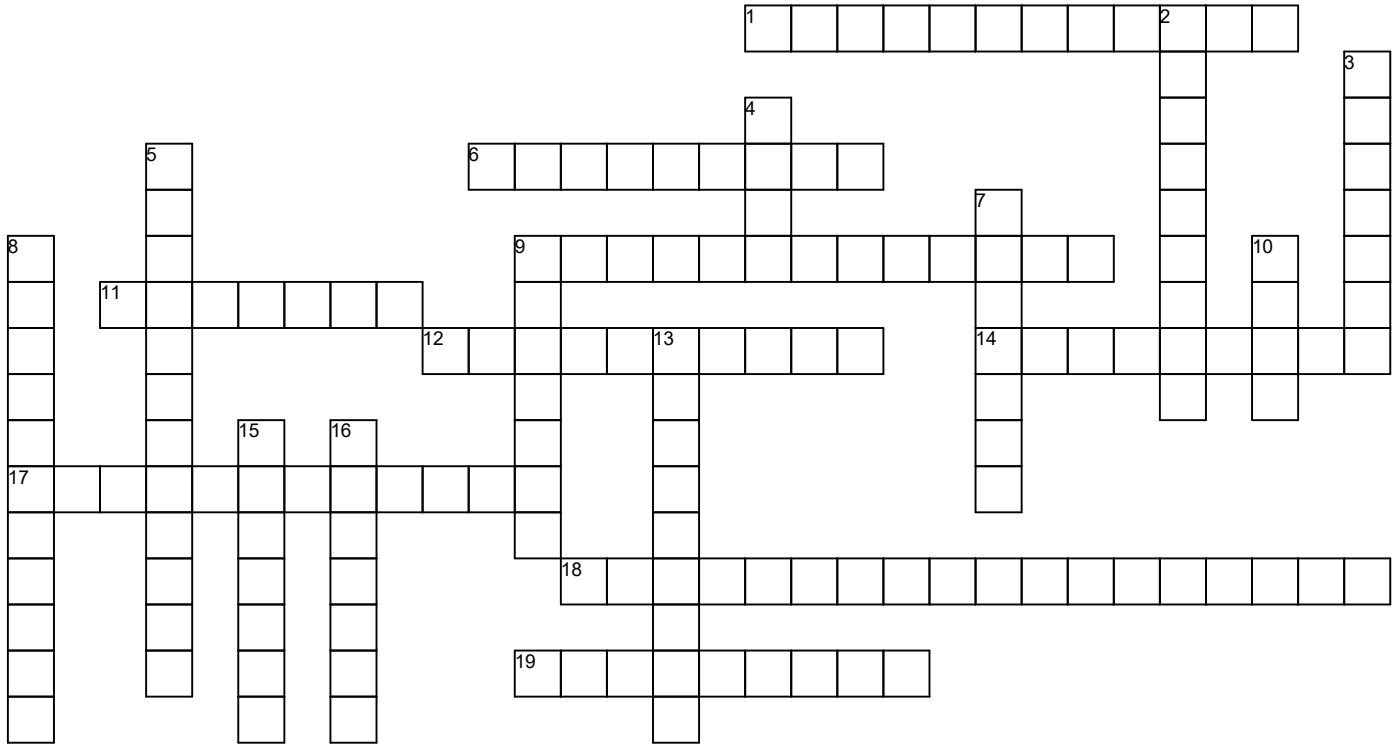


# Physics Terms Crossword Puzzle 1-3

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



## ACROSS

1. A subatomic particle having the same mass as a given particle but opposite electric or magnetic properties.
6. A region of space having a gravitational field so intense that no matter or radiation can escape.
9. A reaction in which the products themselves spread the reaction.
11. Effect observed when the source of a wave moves relative to an observer.
12. A type of matter hypothesized to account for a large part of the total mass in the universe.
14. The science of the origin and development of the universe.
17. The rate of change of velocity per unit of time.
18. An electric current that reverses its direction periodically.
19. A material that allows the flow of electrical current.

## DOWN

2. A device used to store an electric charge.
3. A device that stores chemical energy and converts it to electrical energy.
4. Scientist known for his model of the atom.
5. The lowest temperature possible, where no thermal energy remains in a substance.
7. A closed loop that allows current to flow.
8. The bending of waves around obstacles.
9. The flow of electric charge.
10. The basic unit of a chemical element.
13. The maximum extent of a vibration or displacement.
15. Mass per unit volume of a substance.
16. The negatively charged electrode.

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diffraction

antiparticle

doppler

current

cosmology

circuit

Bohr

acceleration

battery

chain reaction

amplitude

density

capacitor

cathode

black hole

atom

alternating current

conductor

absolute zero

dark matter