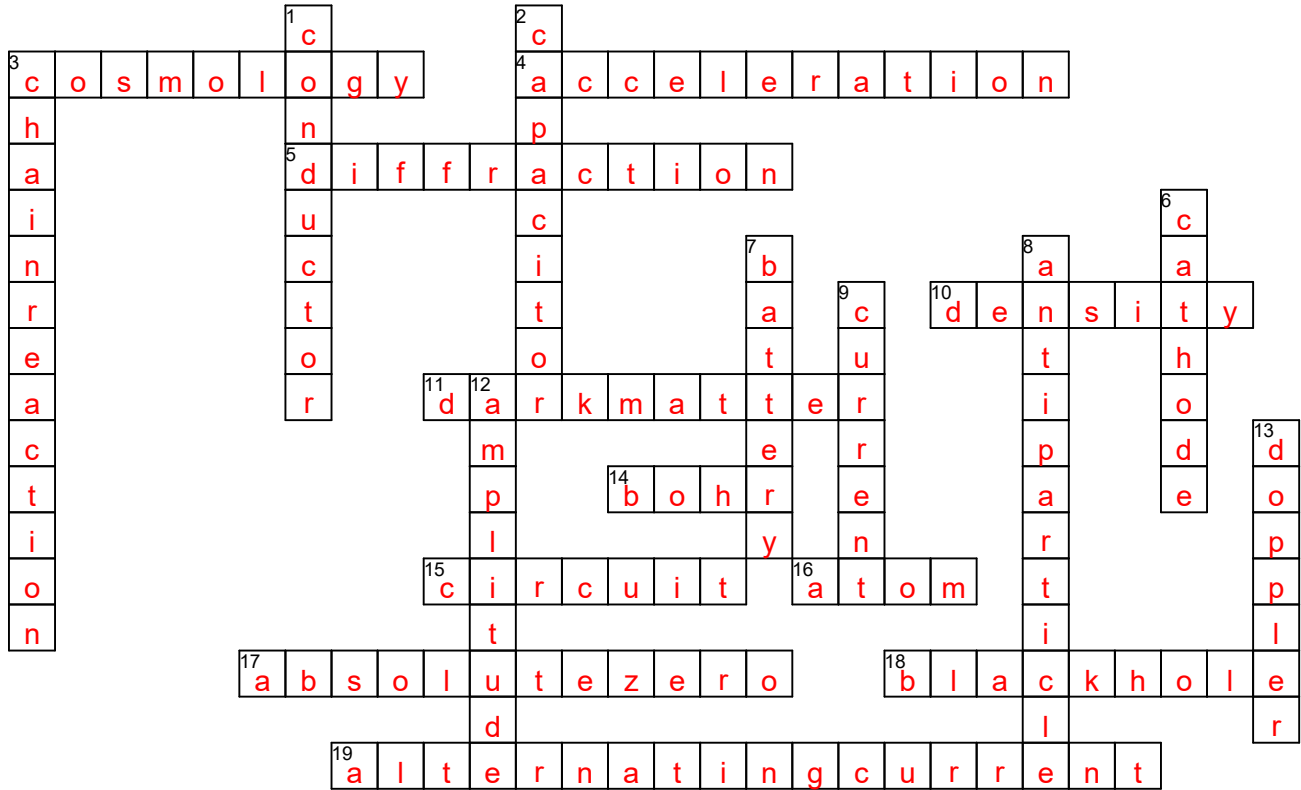


Physics Terms Crossword Puzzle 1-2

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



ACROSS

3. The science of the origin and development of the universe.
4. The rate of change of velocity per unit of time.
5. The bending of waves around obstacles.
10. Mass per unit volume of a substance.
11. A type of matter hypothesized to account for a large part of the total mass in the universe.
14. Scientist known for his model of the atom.
15. A closed loop that allows current to flow.
16. The basic unit of a chemical element.
17. The lowest temperature possible, where no thermal energy remains in a substance.
18. A region of space having a gravitational field so intense that no matter or radiation can escape.
19. An electric current that reverses its direction periodically.

DOWN

1. A material that allows the flow of electrical current.
2. A device used to store an electric charge.
3. A reaction in which the products themselves spread the reaction.
6. The negatively charged electrode.
7. A device that stores chemical energy and converts it to electrical energy.
8. A subatomic particle having the same mass as a given particle but opposite electric or magnetic properties.
9. The flow of electric charge.
12. The maximum extent of a vibration or displacement.
13. Effect observed when the source of a wave moves relative to an observer.

amplitude

conductor

antiparticle

dark matter

alternating current

current

battery

doppler

capacitor

chain reaction

black hole

acceleration

cathode

atom

absolute zero

density

Bohr

circuit

cosmology

diffraction