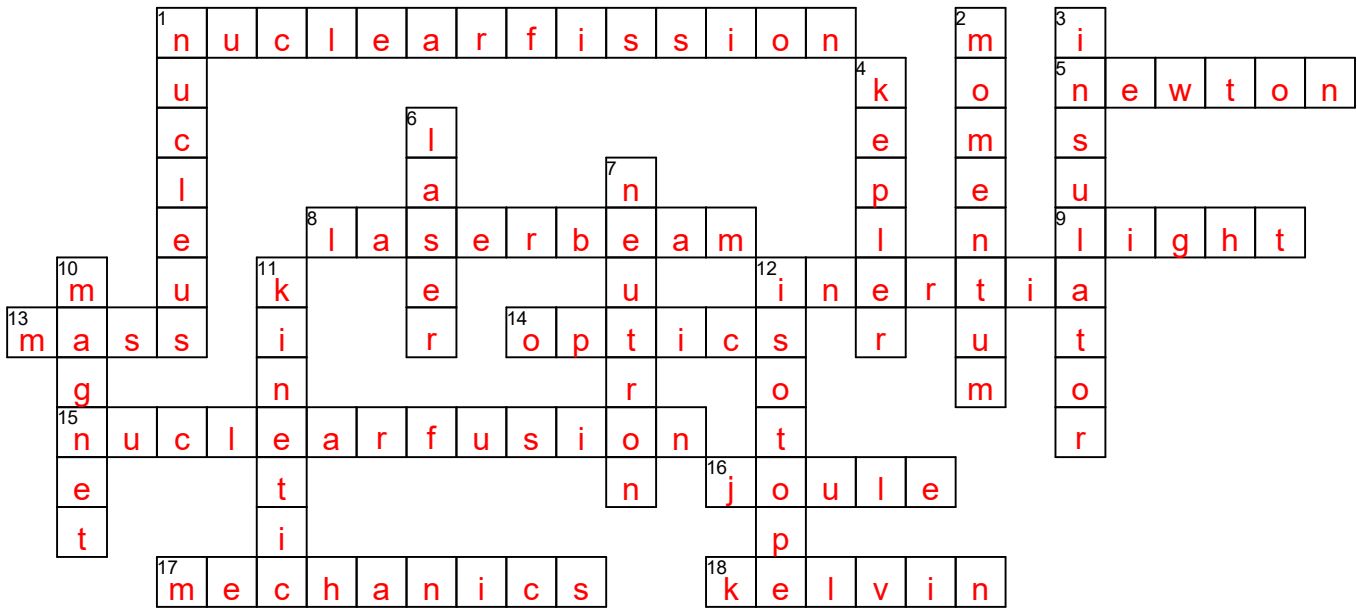


# Physics Terms Crossword Puzzle 3-3

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



## ACROSS

1. The process of splitting a nucleus into smaller parts.
5. Scientist who formulated the laws of motion.
8. A narrow, focused beam of light produced by a laser.
9. Electromagnetic radiation that can be perceived by the human eye.
12. The resistance of any physical object to any change in its velocity.
13. The quantity of matter in a body.
14. The study of light and its interactions with matter.
15. The process of combining nuclei to form a heavier nucleus.
16. The unit of work or energy in the International System of Units.
17. The branch of physics dealing with motion and forces.
18. The base unit of temperature in the International System of Units.

## DOWN

1. The central part of an atom.
2. The product of the mass and velocity of an object.
3. A material that does not allow the flow of electric current.
4. Scientist known for his laws of planetary motion.
6. A device that emits light through a process of optical amplification.
7. A subatomic particle with no electric charge.
10. An object that produces a magnetic field.
11. Relating to or resulting from motion.
12. Atoms of the same element with different numbers of neutrons.

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joule

momentum

mass

isotope

magnet

mechanics

Kelvin

inertia

neutron

laser

light

nuclear fission

insulator

laser beam

nucleus

Newton

Kepler

kinetic

optics

nuclear fusion