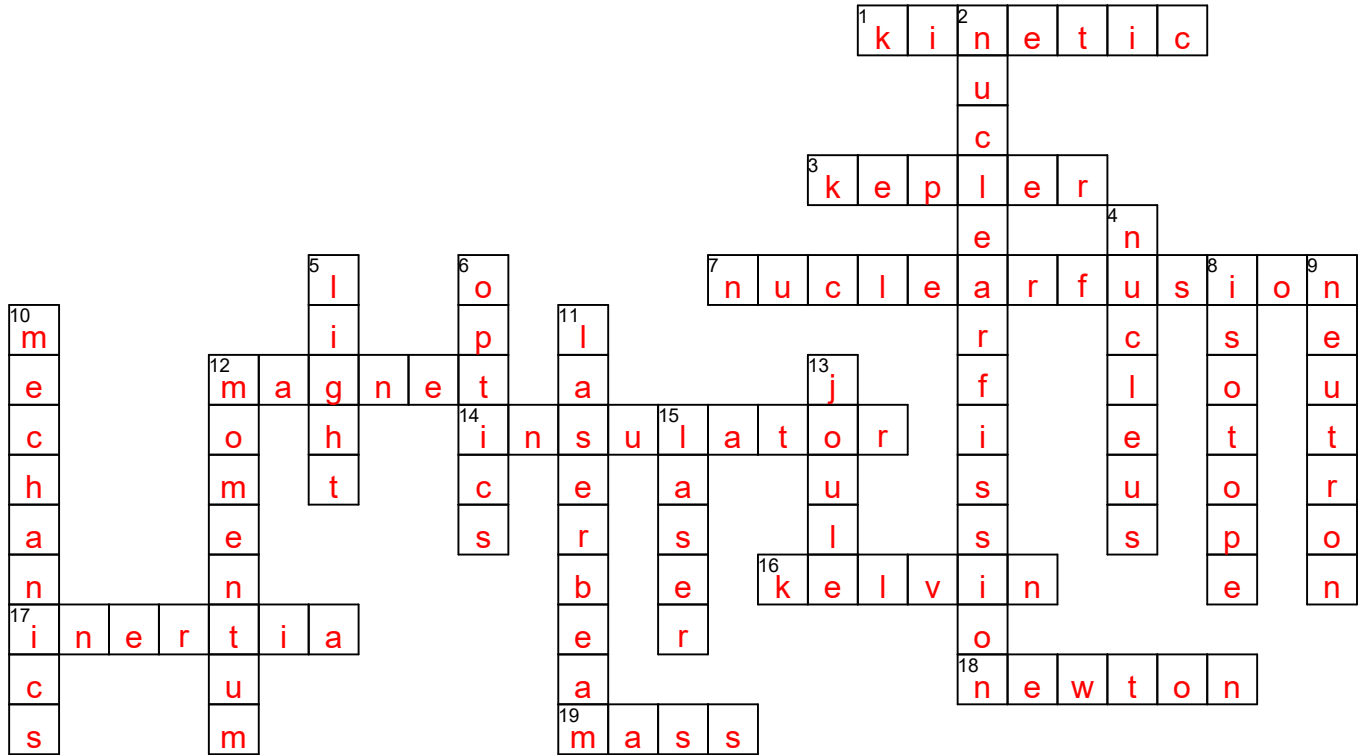


Physics Terms Crossword Puzzle 3-2

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



ACROSS

1. Relating to or resulting from motion.
3. Scientist known for his laws of planetary motion.
7. The process of combining nuclei to form a heavier nucleus.
12. An object that produces a magnetic field.
14. A material that does not allow the flow of electric current.
16. The base unit of temperature in the International System of Units.
17. The resistance of any physical object to any change in its velocity.
18. Scientist who formulated the laws of motion.
19. The quantity of matter in a body.

DOWN

2. The process of splitting a nucleus into smaller parts.
4. The central part of an atom.
5. Electromagnetic radiation that can be perceived by the human eye.
6. The study of light and its interactions with matter.
8. Atoms of the same element with different numbers of neutrons.
9. A subatomic particle with no electric charge.
10. The branch of physics dealing with motion and forces.
11. A narrow, focused beam of light produced by a laser.
12. The product of the mass and velocity of an object.
13. The unit of work or energy in the International System of Units.
15. A device that emits light through a process of optical amplification.

laser

Kelvin

Newton

kinetic

nuclear fusion

Kepler

laser beam

light

insulator

nuclear fission

magnet

neutron

joule

momentum

mechanics

nucleus

inertia

optics

mass

isotope