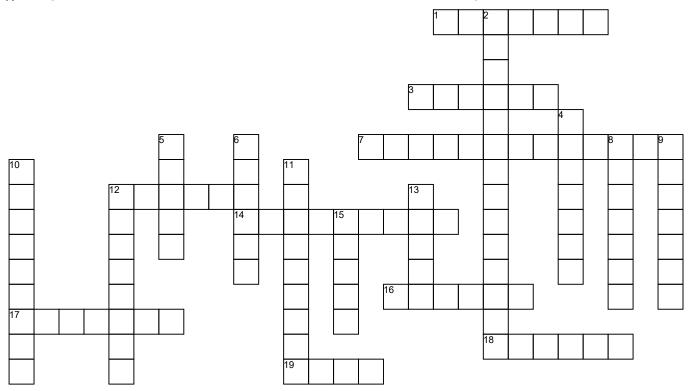
Physics Terms Crossword Puzzle 3-2

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