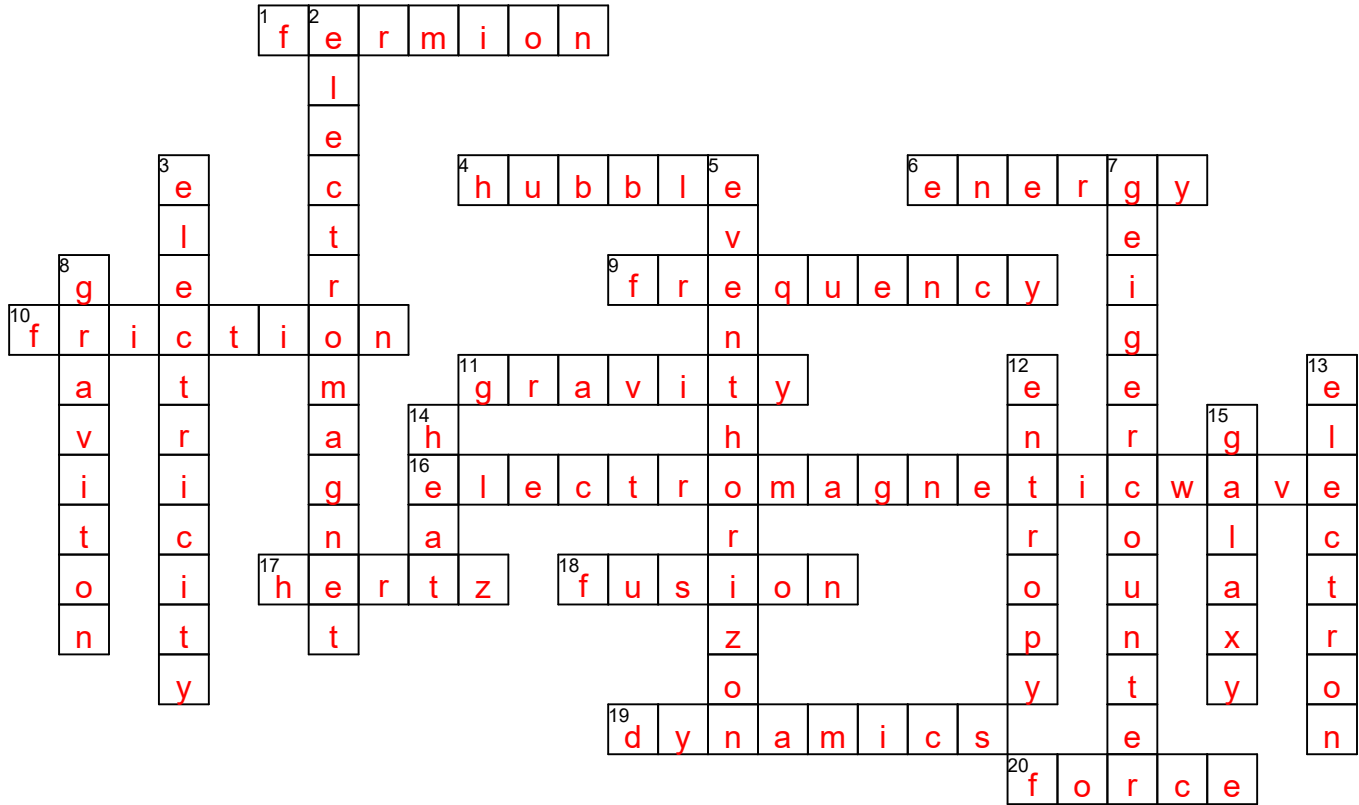


Physics Terms Crossword Puzzle 2-1

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



ACROSS

1. A particle, such as a proton or neutron, that follows Fermi-Dirac statistics.
4. Scientist known for his discovery of the expansion of the universe.
6. The capacity to do work.
9. The number of cycles per unit time.
10. The resistance to motion of one object moving relative to another.
11. The force that attracts a body towards the center of the Earth.
16. A wave of electric and magnetic fields that propagates through space.
17. The unit of frequency, equal to one cycle per second.
18. The process of combining two nuclei to form a heavier nucleus.
19. The study of the forces and motion of objects.
20. An interaction that causes an object to change motion.

DOWN

2. A type of magnet in which the magnetic field is produced by an electric current.
3. The set of physical phenomena associated with the presence and motion of electric charge.
5. The boundary of a black hole beyond which no radiation or matter can escape.
7. A device for measuring radioactivity.
8. A hypothetical quantum of gravitational energy.
12. A measure of disorder in a system.
13. A subatomic particle with a negative charge.
14. The transfer of thermal energy.
15. A system of millions or billions of stars.

entropy

galaxy

force

fermion

electromagnet

dynamics

frequency

graviton

electricity

heat

friction

electromagnetic wave

Hubble

gravity

Geiger counter

Hertz

fusion

electron

energy

event horizon