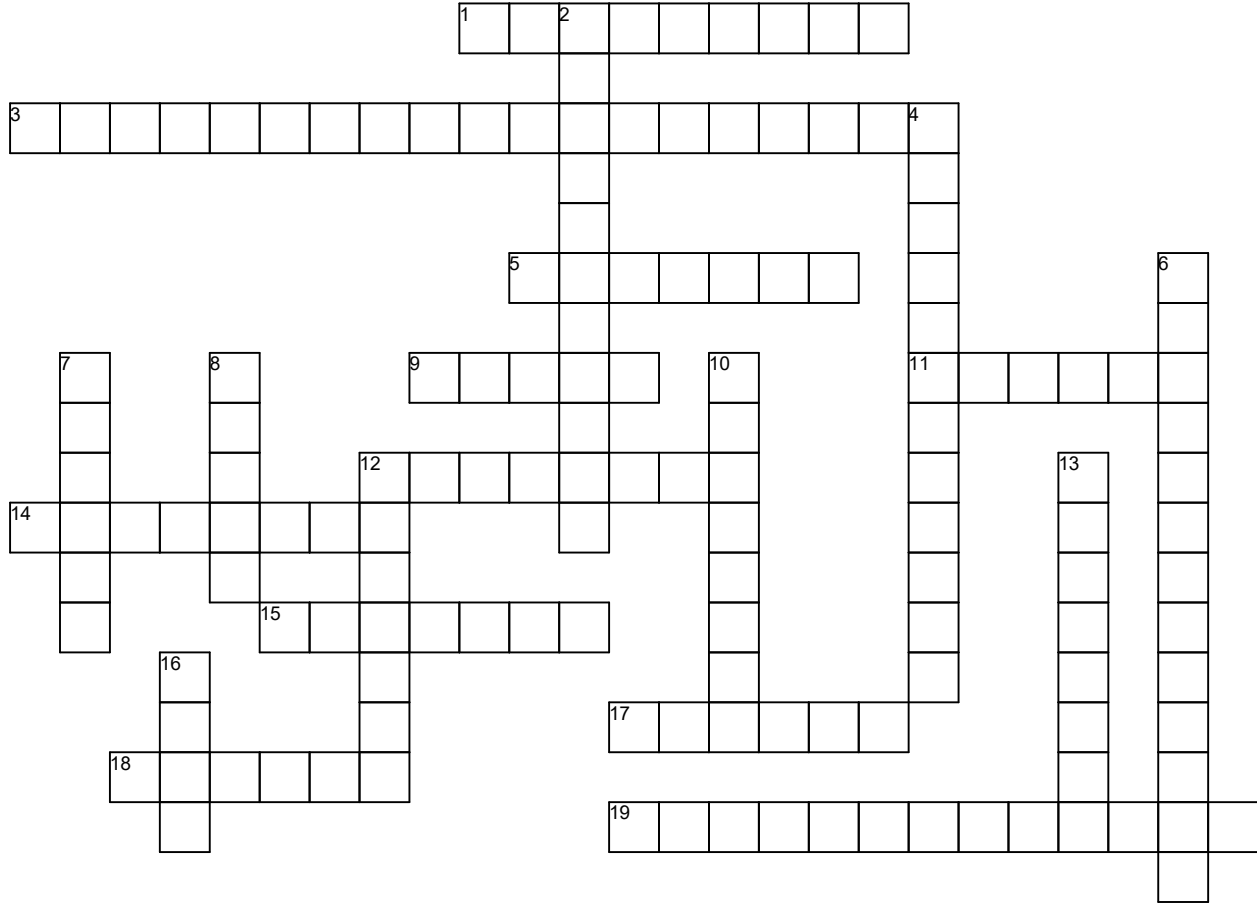


Physics Terms Crossword Puzzle 2-2

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



ACROSS

1. The number of cycles per unit time.
3. A wave of electric and magnetic fields that propagates through space.
5. The force that attracts a body towards the center of the Earth.
9. An interaction that causes an object to change motion.
11. Scientist known for his discovery of the expansion of the universe.
12. A subatomic particle with a negative charge.
14. The resistance to motion of one object moving relative to another.
15. A particle, such as a proton or neutron, that follows Fermi-Dirac statistics.
17. The process of combining two nuclei to form a heavier nucleus.
18. A system of millions or billions of stars.
19. A device for measuring radioactivity.

DOWN

2. The set of physical phenomena associated with the presence and motion of electric charge.
4. The boundary of a black hole beyond which no radiation or matter can escape.
6. A type of magnet in which the magnetic field is produced by an electric current.
7. The capacity to do work.
8. The unit of frequency, equal to one cycle per second.
10. The study of the forces and motion of objects.
12. A measure of disorder in a system.
13. A hypothetical quantum of gravitational energy.
16. The transfer of thermal energy.

fermion

electromagnetic wave

entropy

friction

frequency

dynamics

electron

electricity

Hertz

Hubble

Geiger counter

force

event horizon

gravity

graviton

galaxy

electromagnet

heat

energy

fusion