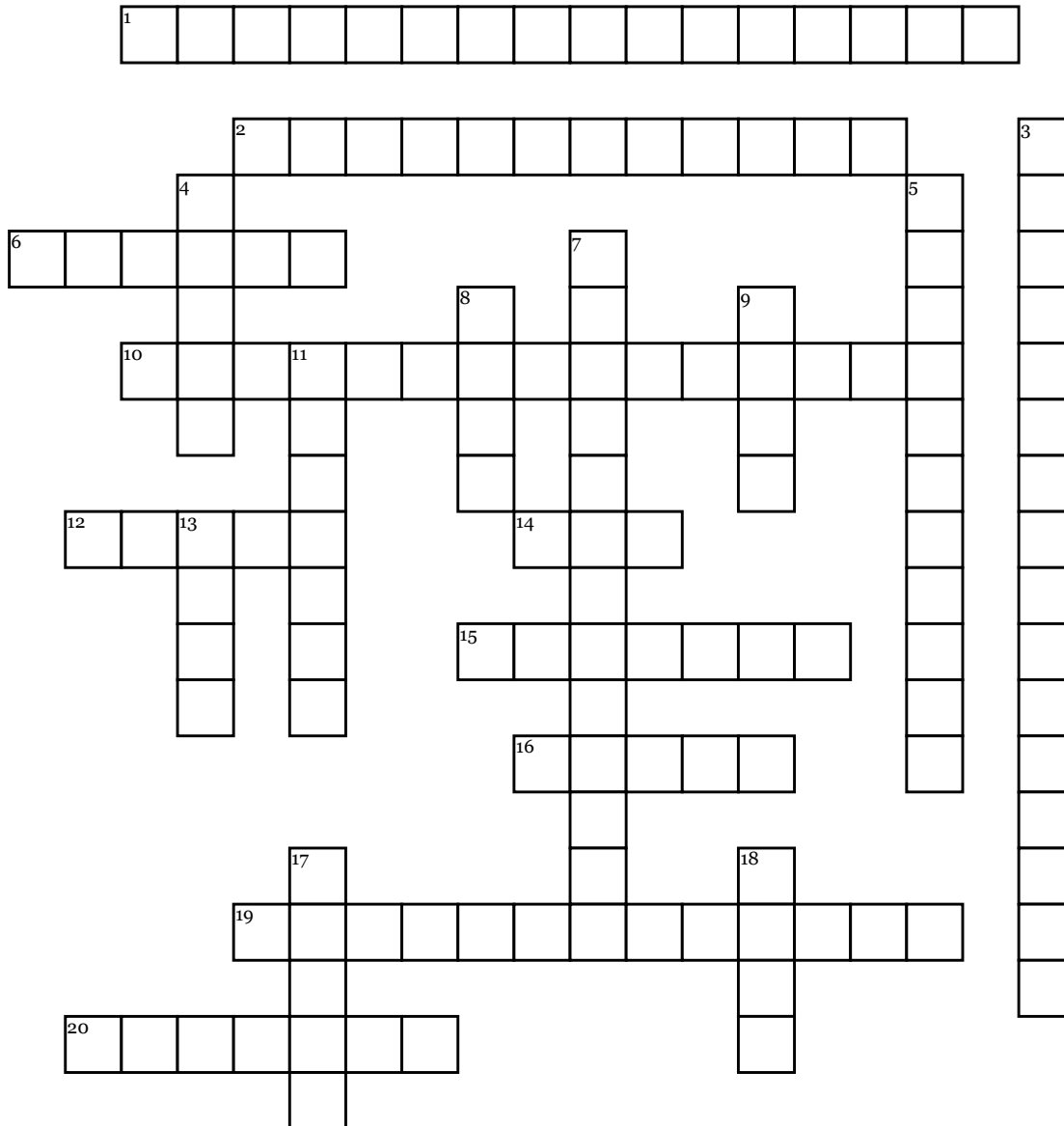


Cruciverbalism



Across

- 1.** Energy stored in charged particles within an electric field
2. Standard unit of electricity; 1000 watts per hour
6. this fundamental force holds the nuclei of atoms together
10. This fundamental force holds atoms together and bonds them together
12. A watt is a measurement of;
14. The energy required to raise one pound of water to 1 degree celsius

- 15.** The universe always moves from a more ordered to a less ordered state
16. Mass x Acceleration
19. Energy contained within a system that is responsible for its temperature
20. Energy required to raise 1g of water to 1 degree celsius

Down

- 3.** any form of energy that is directly associated with motion or with a force
4. Unit of work and energy
5. A form of energy resulting from the existence of charged particles

- 7.** this fundamental force is like the weak force, but long range.
8. To exert a force of an object through a distance
9. Any transfer of energy caused by a difference in power
11. A quantity representing the rate of flow of electric charge
13. The measurement of joules, used or produced per second.
17. Commercial unit of heat; =100,000 BTU'S
18. This fundamental force is involved in nuclear decay