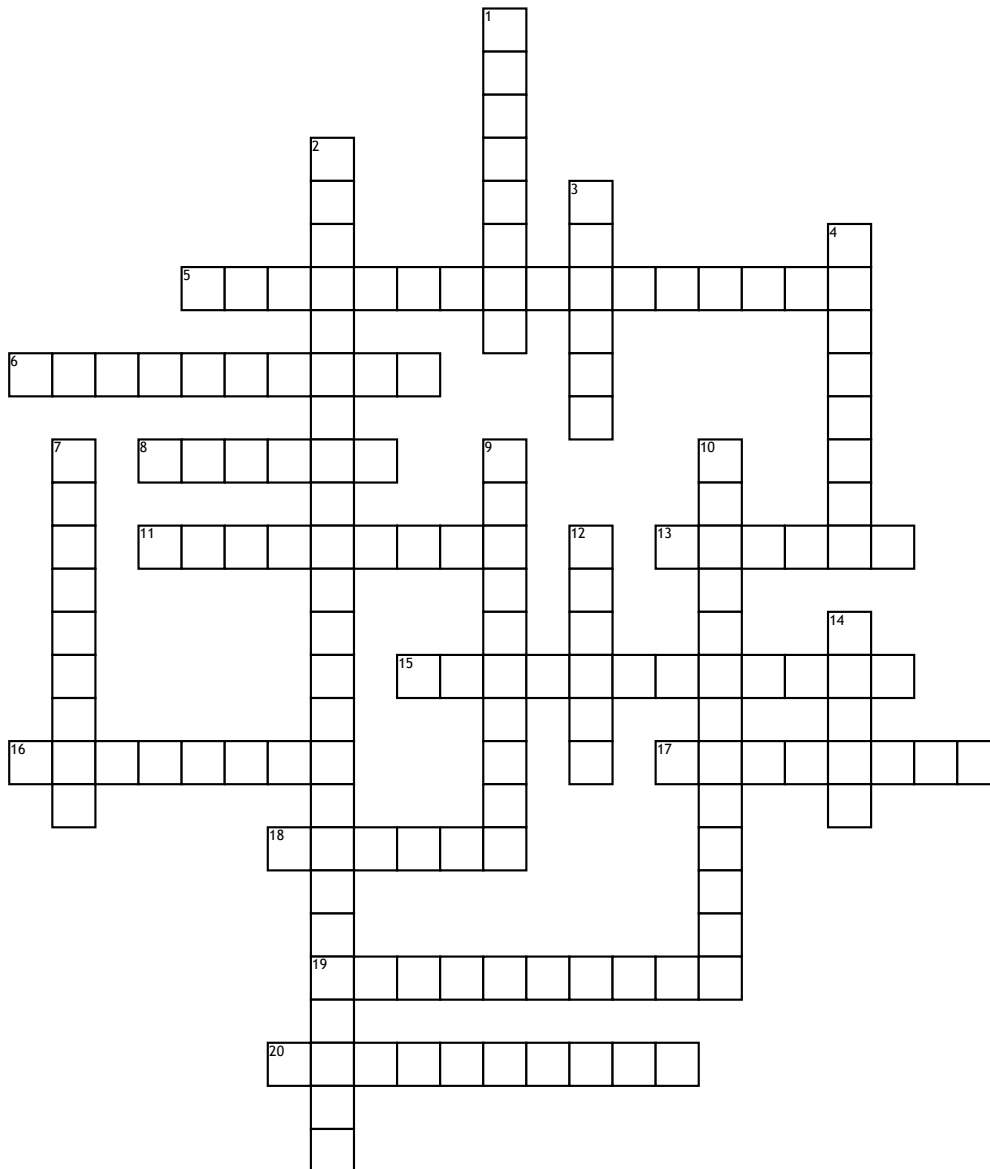


Name: _____

Physics Search



Across

5. The net force exerted toward the center of the circle .

6. An object shot through air with independent vertical and horizontal motions and travels with gravity.

8. The amount of energy exerted when a force of one newton is applied over a displacement of one meter.

11. The emission or transmission of energy in the form of waves or particles through space or through a material medium.

13. Circuit in which resistors are arranged in a chain so the current only has one path to take.

15. Increase in the rate or speed of a moving object.

16. Charge in which contains more protons than electrons.

17. The speed of an object in a given direction.

18. Name for the laws that explain motion of objects.

19. The path of a projectile through space.

20. The process by which heat is transferred by movement of a heated fluid such as air or water.

Down

1. A closed circuit in which the current divides into two or more paths before recombining to complete the circuit.

2. The center-seeking acceleration of an object moving in a circle at a constant speed.

3. The physical property of matter that causes it to experience a force when placed in an electromagnetic field.

4. Charge in which contains more electrons than protons.

7. The mutual action by which objects pull away from each other.

9. The transfer of energy through the movement of particles that are in contact with each other.

10. Internal energy of an object due to the kinetic energy of its atoms and/or molecules.

12. Name for the laws that explain planetary motion.

14. An interaction that can cause an object with mass to change its velocity.