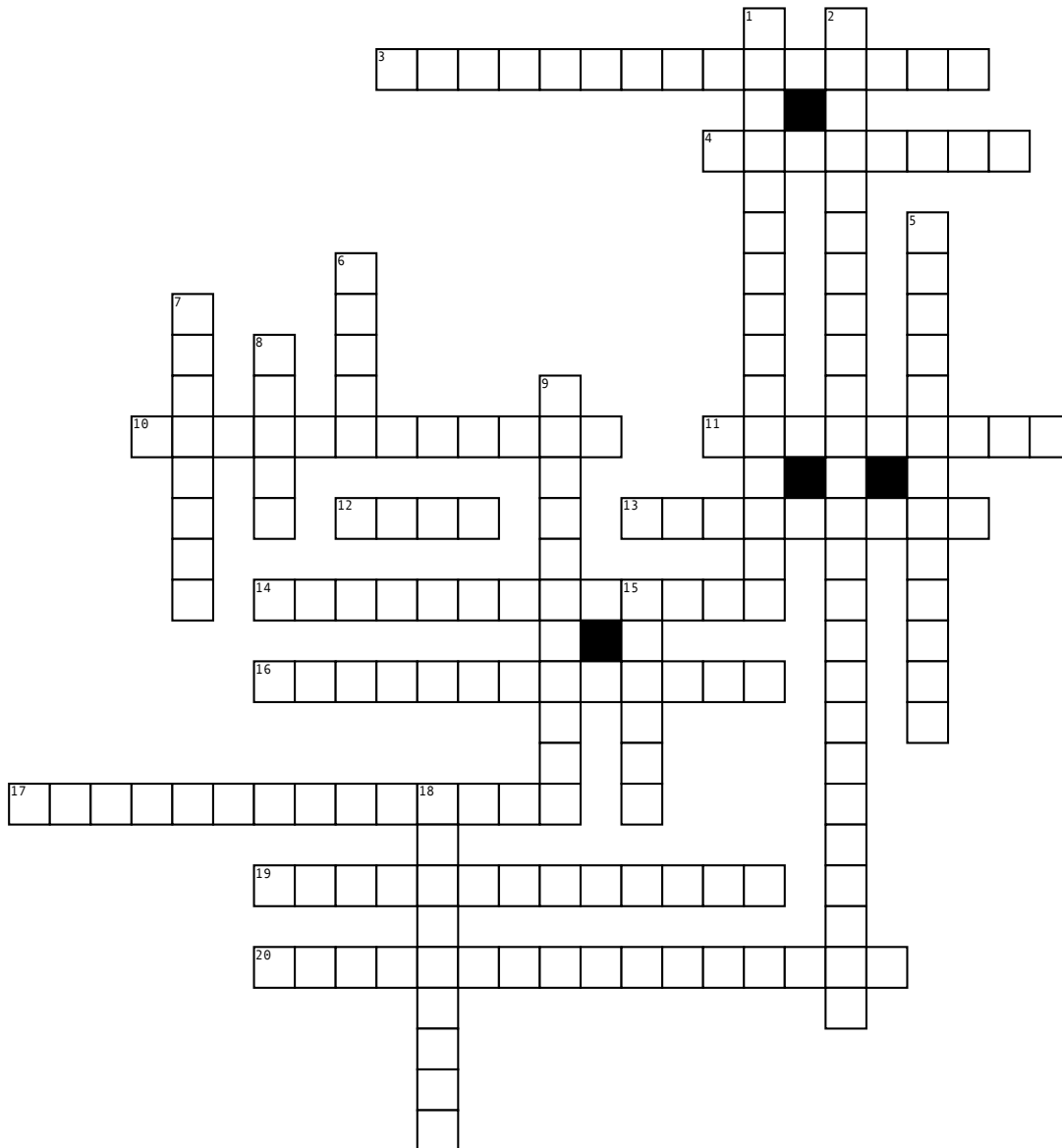


# Physics Review



## Across

3. Energy stored in an object as a result of the object's height or position

4. The speed and direction of moving objects

10. A change in the velocity (speed, direction, or both) of an object

11. As distance, mass, or speed increases potential or kinetic energy ---- As friction decreases kinetic energy ---

12. The amount of matter in an object

13. As distance, mass, or speed decreases potential or kinetic energy ----- As friction increases kinetic energy ----

14. Energy associated with the movement of particles that causes heat

16. The energy of motion

17. Energy stored in chemical bonds

19. Energy carried by light

20. energy carried out by electric currents

## Down

1. Stored energy

2. Energy cannot be created or destroyed, but can be converted from one form of energy to another

5. Energy contained in atomic nuclei

6. A push or pull that is applied to an object

7. A force that opposes motion

8. Distance traveled per unit of time

9. Energy associated with the vibration of matter

15. The ability to do work or cause change ; many different types

18. The energy of stretched or compressed objects