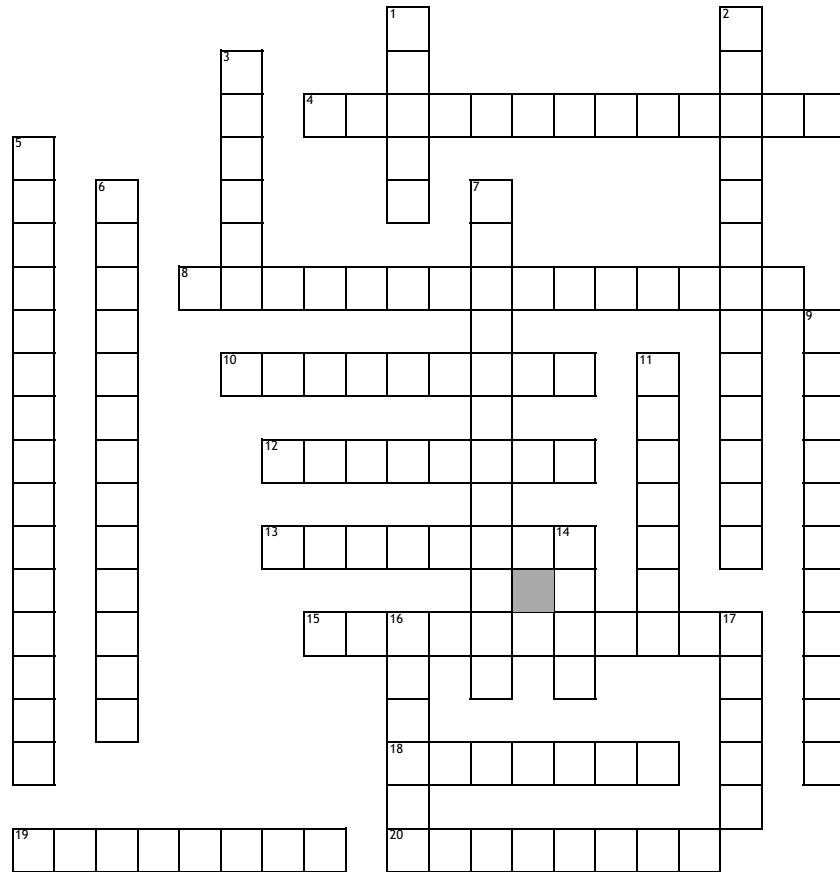


# Newton's Laws



## Across

4. The force of air pushing against a moving object
8. When force is not balanced on either side of an object
10. Force is equivalent to mass multiplied by acceleration.
12. The overall force that is acted upon an object
13. Mass multiplied by Velocity
15. Laws that were created by Sir Isaac Newton explaining motion
18. The force that brings two objects together
19. The force another object exerts on another
20. For every action, there is an equal and opposite reaction

## Down

1. Something that acts upon an object pushing it or pulling it
2. Energy that an object has due to its motion
3. The act of movement
5. Stored energy that results from the position or shape on an object
6. Force that is balanced in amount on both sides of an object
7. Final velocity - Initial velocity over time
9. Force exerted by the first object onto the second object
11. An object at rest stays at rest and an object in motion stays in motion unless another force is acted upon it.
14. Amount of matter with no definite shape
16. The force of gravity on an object
17. distance over time