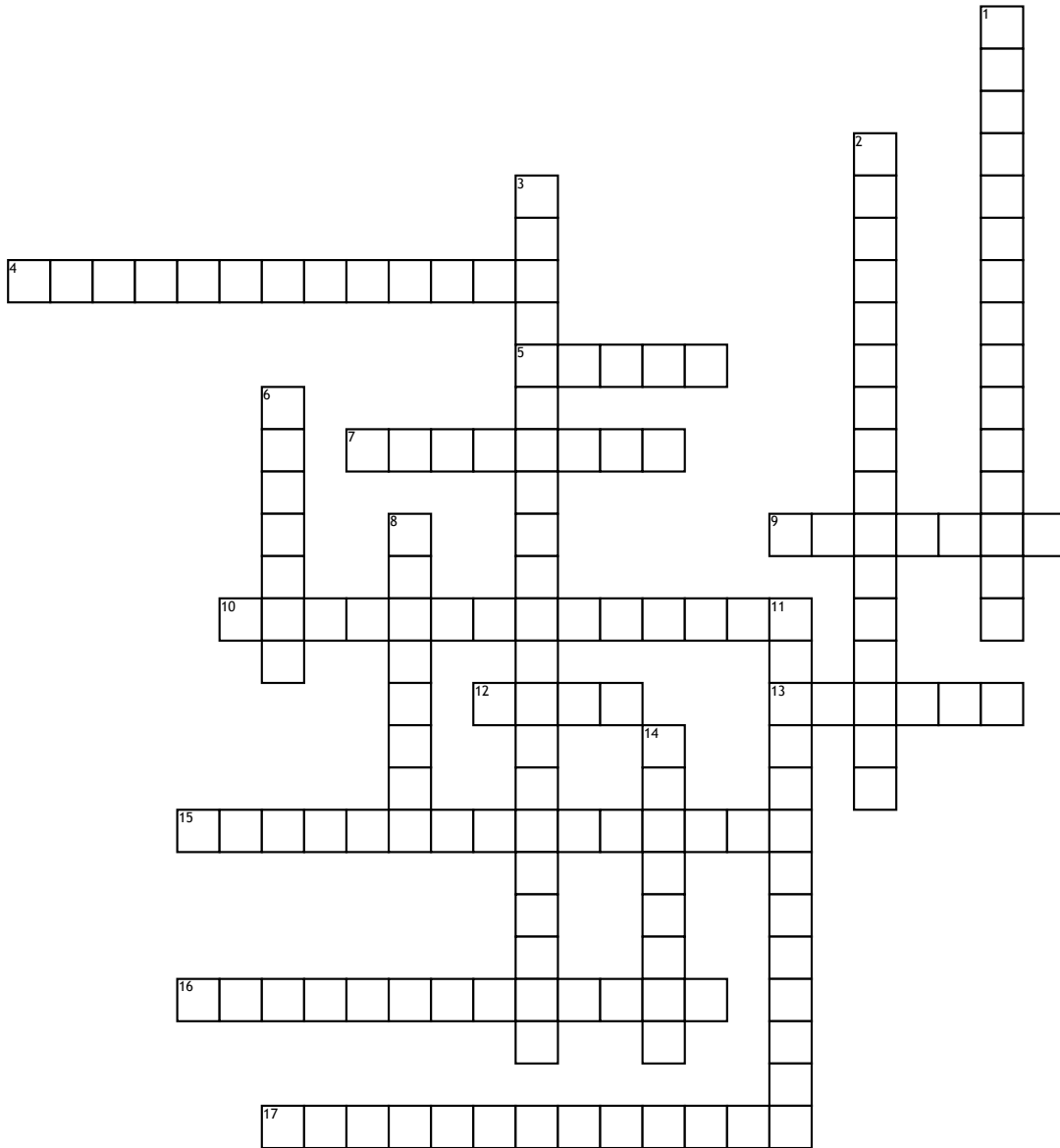


# Newton's Law Crossword



**Across**

- 4. The Law of inertia
- 5. A power exerted on an object
- 7. force or speed of movement
- 9. retains its state of rest or its velocity along a straight line so long as it is not acted upon by an external force
- 10. When you rub your socks on the carpet it creates this
- 12. The total amount of matter in an object

13. The force that gravity exerts on an object

15. A box being pushed without wheels

16. the opposition of the atmosphere to forward movement

17. The Law of action and reaction

**Down**

1. Pushing a box with wheels

2. Going at maximum speed

3. a particle attracts every other particle in the universe using a force that is directly proportional to the product of their masses

6. the force of attraction by which terrestrial bodies tend to fall toward the center of the earth.

8. surface resistance to relative motion, as of a body sliding or rolling

11. The Law of acceleration

14. The overall amount of newtons