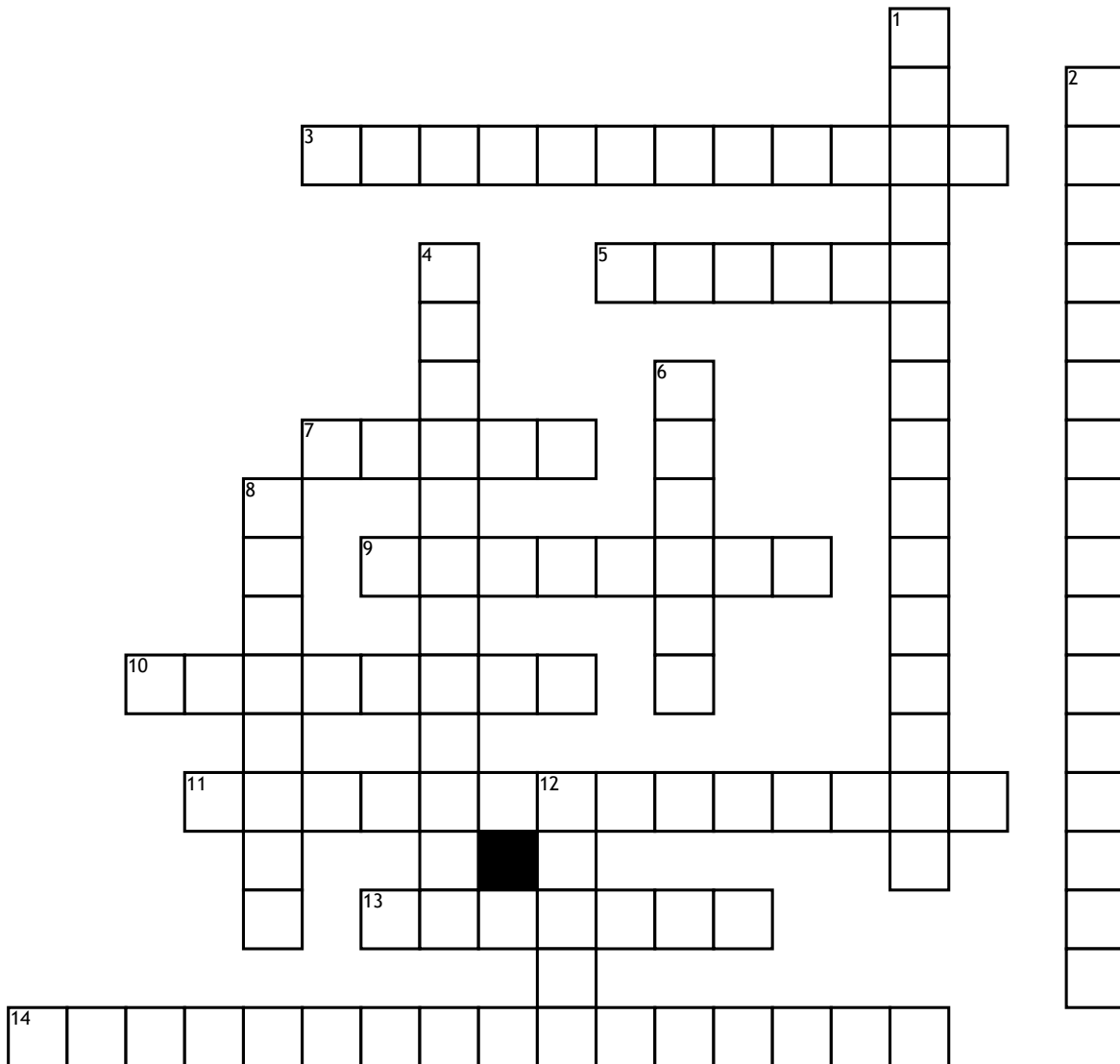


# Motion & Forces Of Motion



**Across**

- 3. the moving of something from its place or position.
- 5. a body's relative mass or the quantity of matter contained by it, giving rise to a downward force; the heaviness of a person or thing.
- 7. the rate at which someone or something is able to move or operate
- 9. the speed of something in a given direction
- 10. downward movement under the force of gravity only.

11. a force that keeps an object at rest. It must be overcome to start moving the object.

- 13. a tendency to do nothing or to remain unchanged.
- 14. the highest velocity attainable by an object as it falls through a fluid.

**Down**

1. a force that acts between moving surfaces

- 2. a form of motion in which an object or particle (in either case referred to as a projectile) is thrown near the Earth's surface, and it moves along a curved path under the action of gravity only.
- 4. increase in the rate or speed of something
- 6. the action or process of moving or being moved.
- 8. the quantity of motion of a moving body, measured as a product of its mass and velocity.
- 12. strength or energy as an attribute of physical action or movement