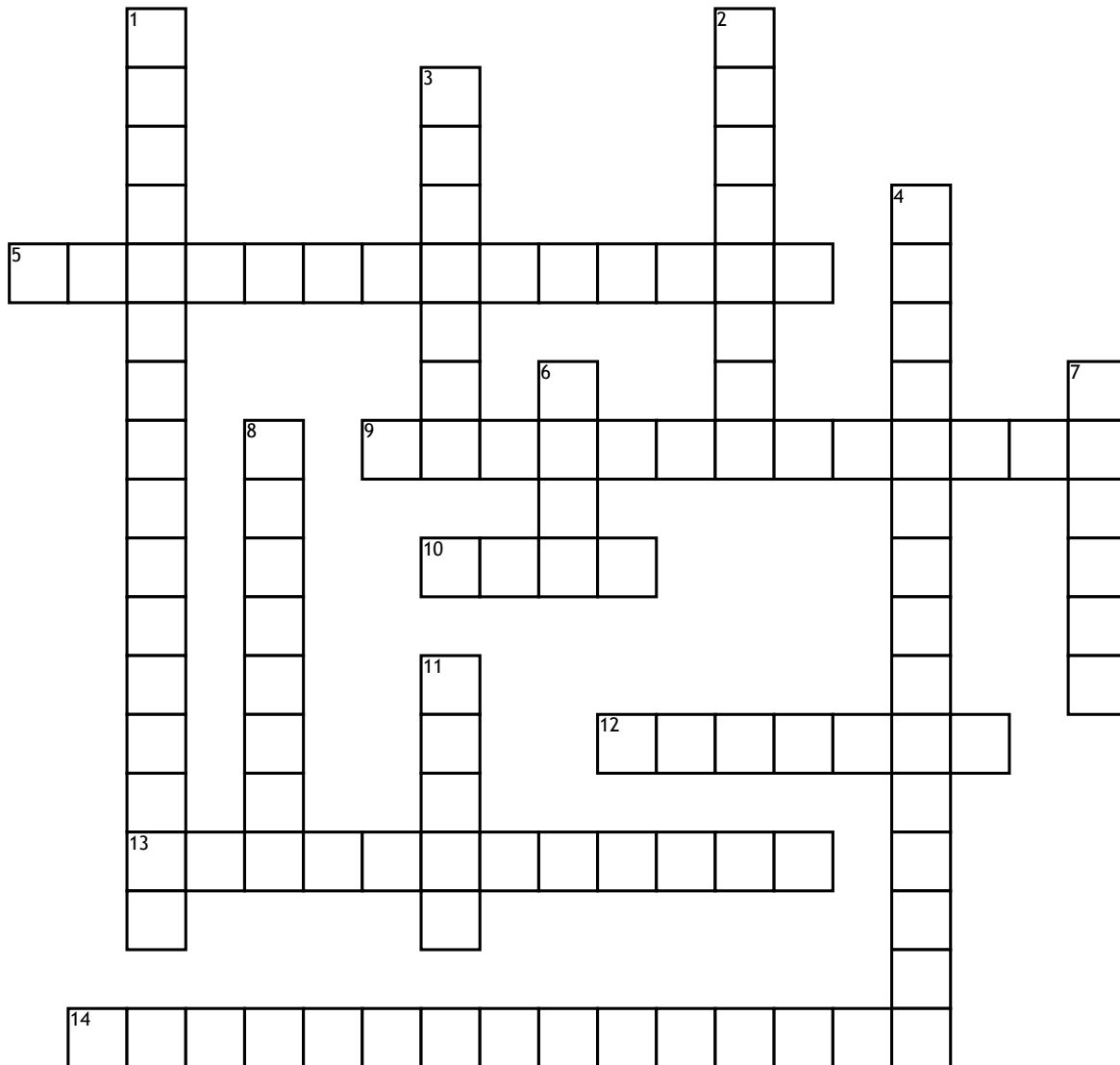


Newton's Law



Across

5. A movement of an object along the circumference of a circle or rotation along a circular path.

9. Two forces acting in opposite directions on an object and equal in size.

10. An object being stationary relative to another object

12. Force that pulls an object to another object.

13. A force applied to a body by another body that is in contact with it.

14. Forces that cause a change in the motion of an object.

Down

1. The force that is necessary to keep an object moving in a curved path directed inward toward the center of rotation.

2. Forces acting on an object in each direction.

3. The resistance of a body to changes in its momentum.

4. The force which acts on an object without coming physical in contact with it.

6. The standard unit of force in the International System of Units (SI), equal to the force that produces an acceleration of one meter per second per second on a mass of one kilogram.

7. A system of units for expressing heaviness or mass.

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

11. Push or pull upon a object resulting from the objects interaction with another object.