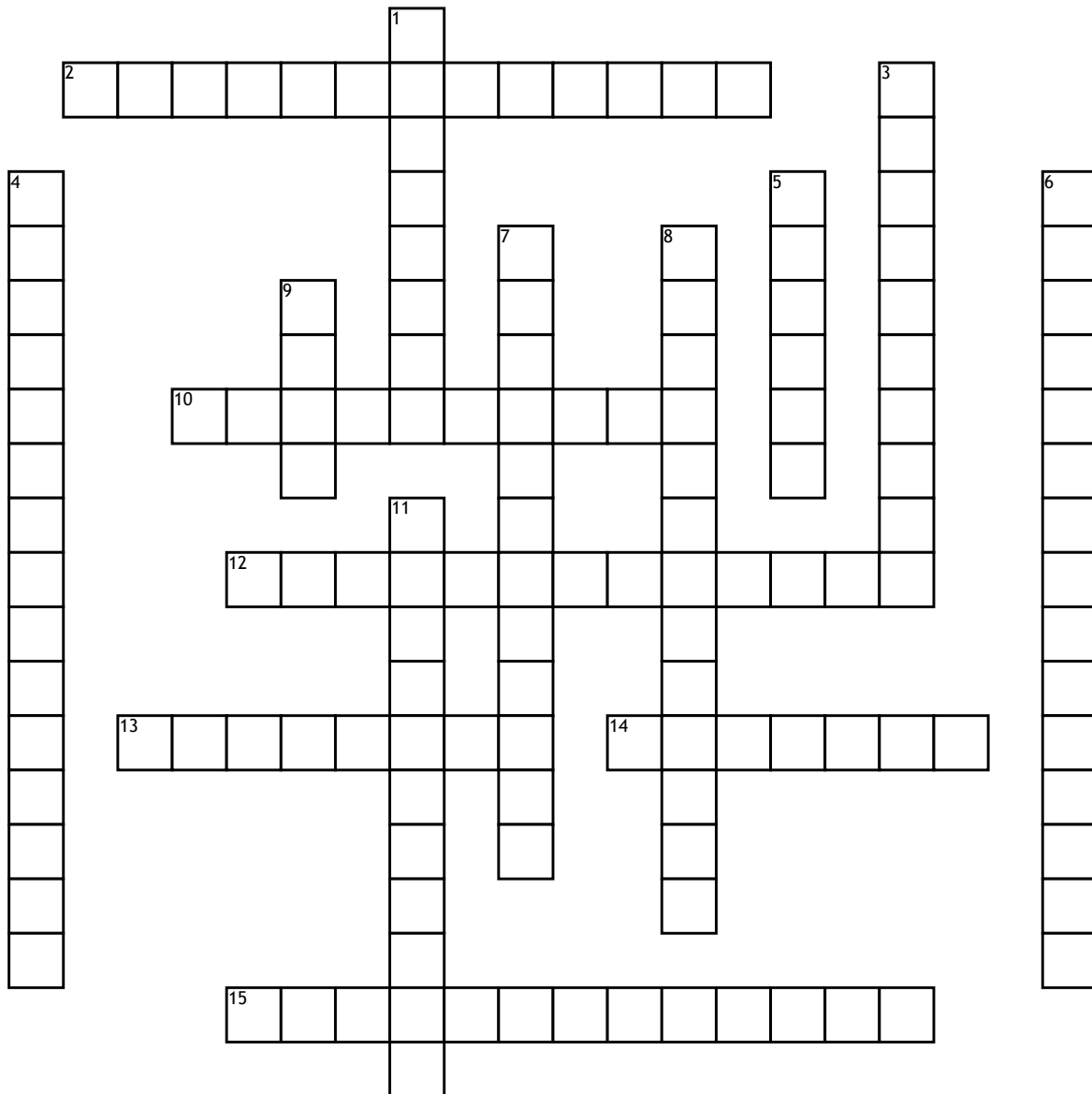


Force and motion vocab



Across

- 2. Equal forces acting on an object in opposite directions; there will be no motion
- 10. tool used to measure the amount of Newtons applied to an object
- 12. device that makes work easier, often by reducing the amount of effort forces needed to move an object
- 13. The length of a path between two points
- 14. Unit for force

15. a simple machine that is a straight, slanted surface, which facilitates the raising of loads; a ramp

Down

- 1. The combination of all forces acting on an object
- 3. The force that is applied to the machine.
- 4. two or more forces that are not equal and opposite of one another; can cause change in motion
- 5. A simple machine that consists of a rope that fits into a groove in a wheel
- 6. Energy stored due to an object's position
- 7. The overall rate of speed at which an object moves; calculated by dividing the total distance an object travels by the total time.
- 8. Energy that an object has due to its motion
- 9. work Force exerted on an object that causes it to move; work=force x distance
- 11. Equipment used to measure a force such as weight.