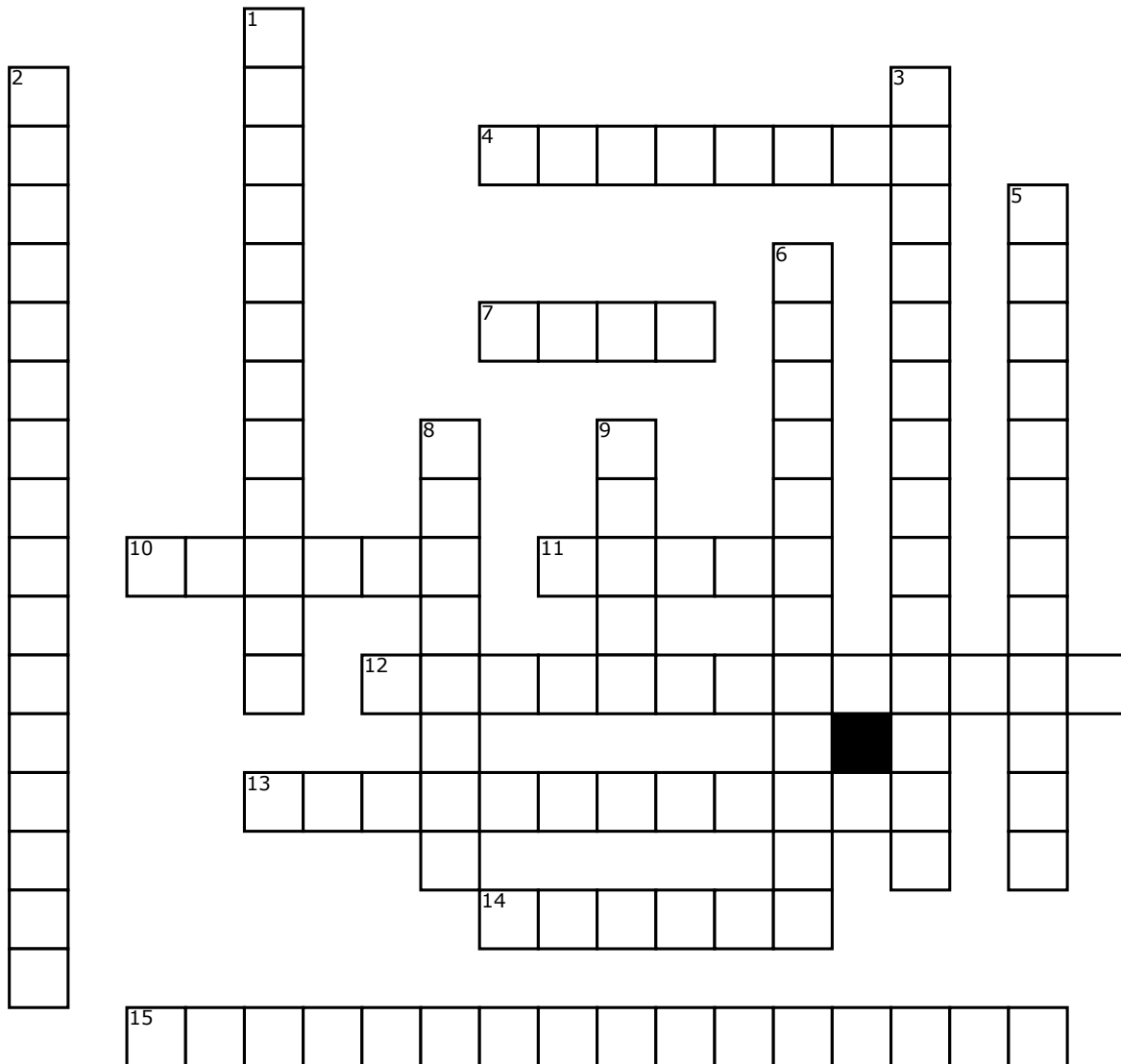


Force and Motion



Across

- 4.** The resistance of an object to changes its motion.
- 7.** The amount of matter in a object
- 10.** The vertical force exerted by a mass as a result of gravity.
- 11.** A push or a pull
- 12.** A diagram that shows force.

- 13.** The distance a car travels from the time the driver stops the brake
- 14.** The measurements of force.
- 15.** Distance traveled during the reaction time plus the braking distance

Down

- 1.** The process of slowing down
- 2.** Net force is not equal to zero.

- 3.** Net force is equal to zero
- 5.** The point at the center of an objects mass
- 6.** The rate at which an object changes its speed and direction.
- 8.** The combined forces acting on a object.
- 9.** The steepness of a line