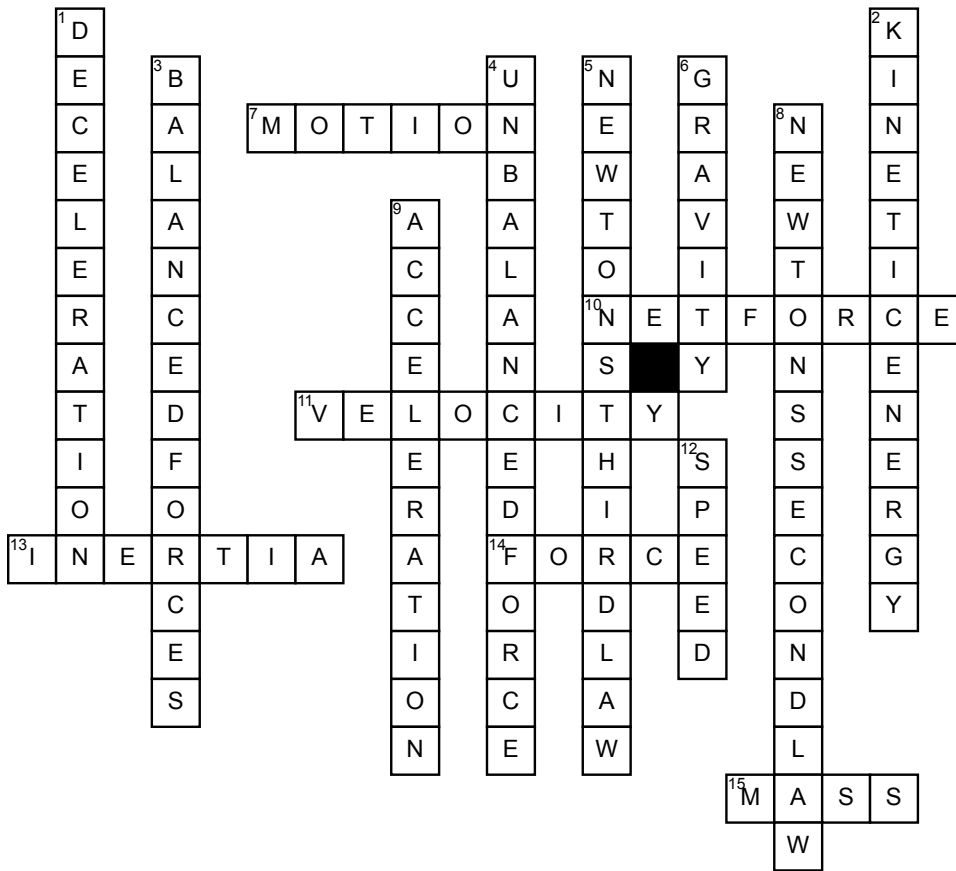


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# Newton's Law Crossword Puzzle



## Across

**7.** The state in which one object's distance from another is changing

**10.** The overall force on an object when all individual forces acting on it are added together

**11.** Speed in a given direction

**13.** The tendency of an object to resist change in its motion

**14.** A push or pull

**15.** The amount of matter in object

## Down

**1.** Slowing down

**2.** Energy that an object has due to its motion

**3.** Equal Forces acting on an object in opposite directions

**4.** Force that produces a nonzero net force

**5.** For every action there is an equal opposite reaction

**6.** The force that pulls objects toward each other

**8.** Acceleration of an object depends upon its mass & the force acting upon it

**9.** A change of velocity

**12.** The distances an object travels per unit of time