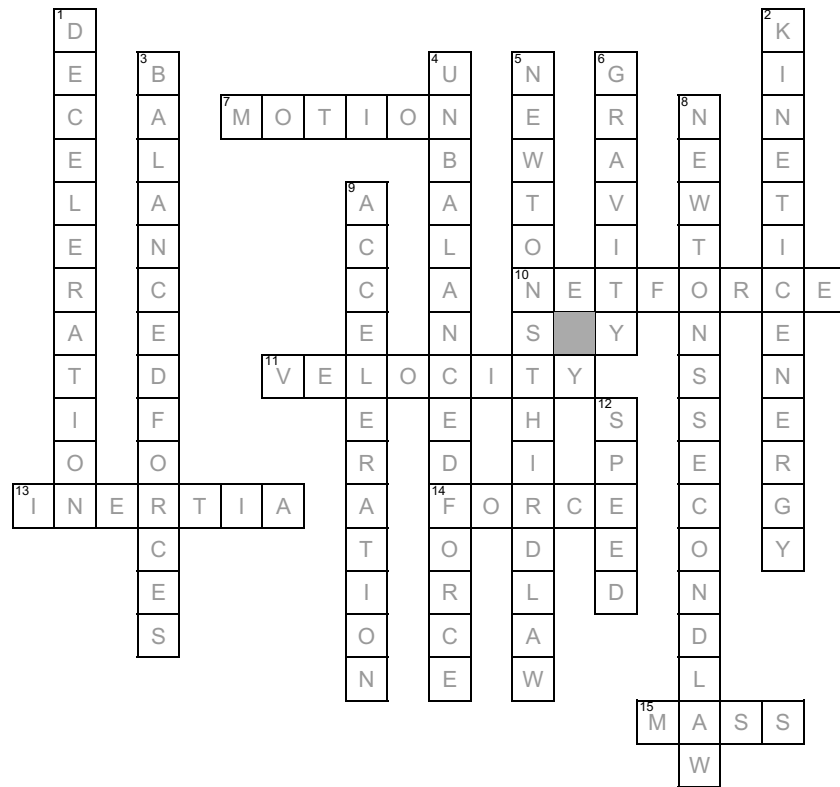


Newton's Law Crossword Puzzle



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