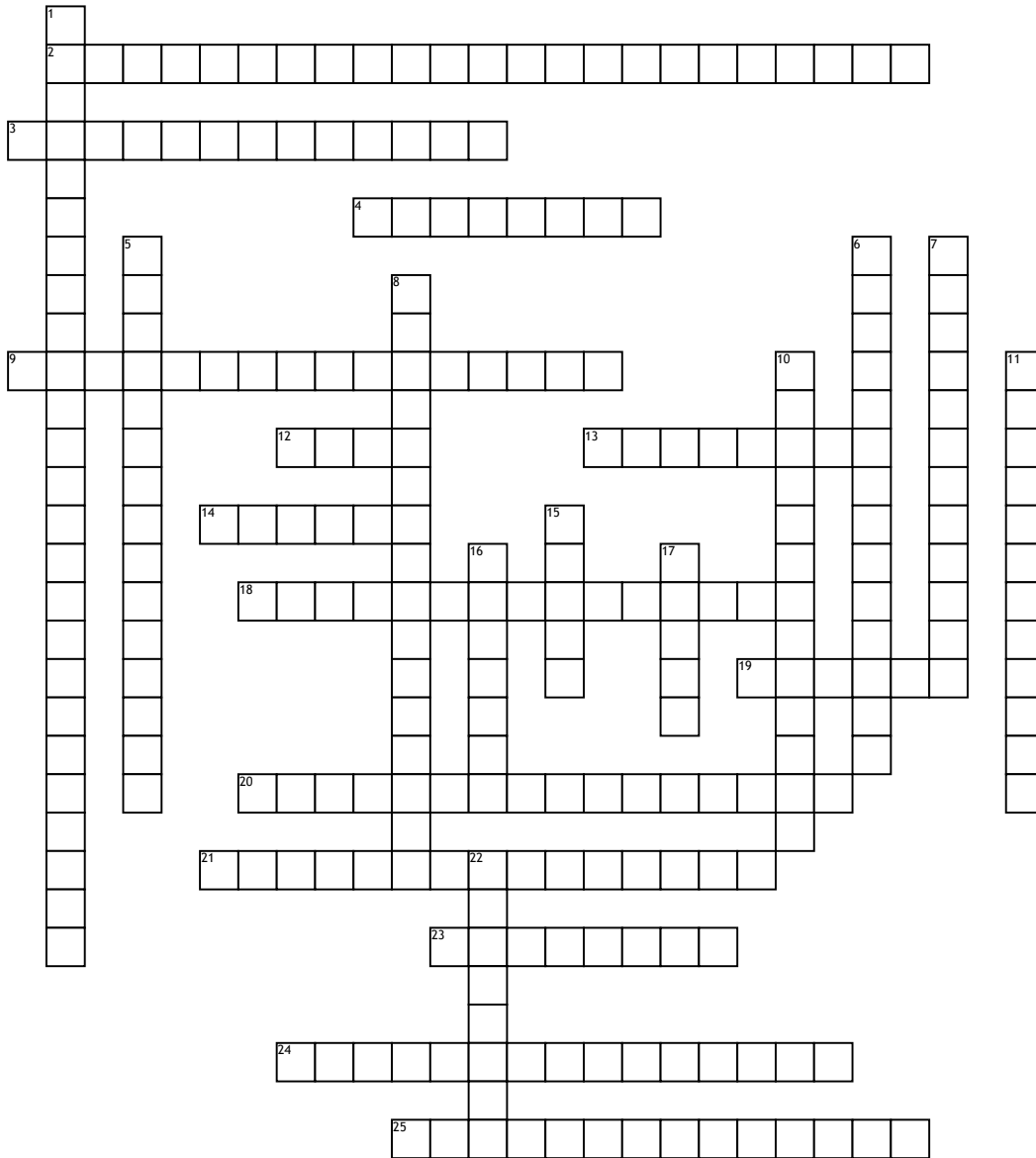


Vocab Sheet 6



Across

2. described in newtons third law
3. When the speed of an object remains the same
4. the impetus gained by a moving object.
9. Newtons law that's often expressed simply as a equation
12. a way of measuring how long something takes
13. how far something travels
14. how heavy something is
18. Forces that cause a change in the motion of an object
19. the action of traveling
20. the constant speed that a freely falling object eventually reaches
21. sometimes called the Law of Inertia

23. the speed of something in a given direction

24. the speed of something at the beginning of time

25. two forces acting in opposite directions on an object, and equal in size

Down

1. a particle attracts every other particle in the universe using a force that is directly proportional to the product of their masses and inversely proportional to the square of the distance between their centers.
5. What law is: For every action, there is an equal and opposite reaction?
6. a point of reference to tell if an object is moving
7. increase in the rate or speed of something

8. a form of motion experienced by an object or particle (a projectile) that is thrown near the Earth's surface and moves along a curved path under the action of gravity only

10. the velocity at the final point in time

11. the moving of something from its place or position

15. the equation is distance over time

16. the resistance of any physical object to any change in its state of motion

17. any interaction that, when unopposed, will change the motion of an object

22. fall rapidly