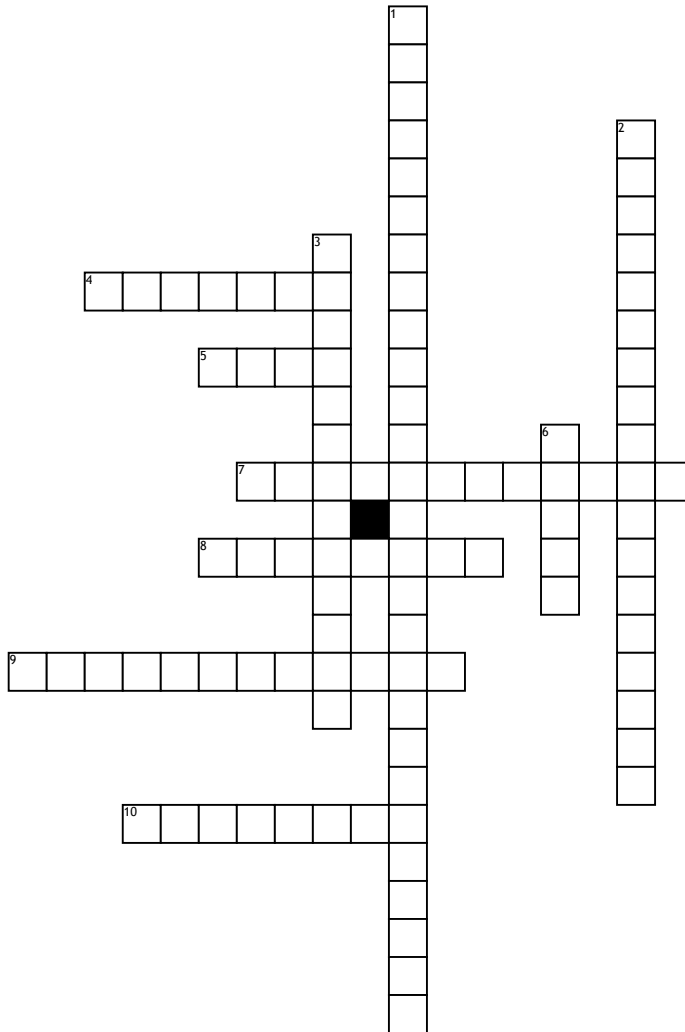


Chapter 15 Crossword



Across

- 4. The tendency of an object to resist a change in its motion.
- 5. The amount of matter in the object
- 7. To divide the total distance traveled by the time taken.
- 8. The speed of the object and the direction of its motion.
- 9. The change in velocity divided by the time it takes for the change to occur.

- 10. The measure of how hard it is to stop the object, and it depends on the object's mass and velocity.

Down

- 1. The total momentum of objects that collide is the same before and after the collision.
- 2. The speed of an object at one instant of time is the objects.....
- 3. Momentum Formula
- 6. The distance traveled divided by the time taken to travel the distance.

Word Bank

- | | | |
|---------------------------------|---------------------|----------|
| Velocity | Instantaneous Speed | Momentum |
| Mass X Velocity | Inertia | Speed |
| Acceleration | Average Speed | Mass |
| Law of Conservation of momentum | | |