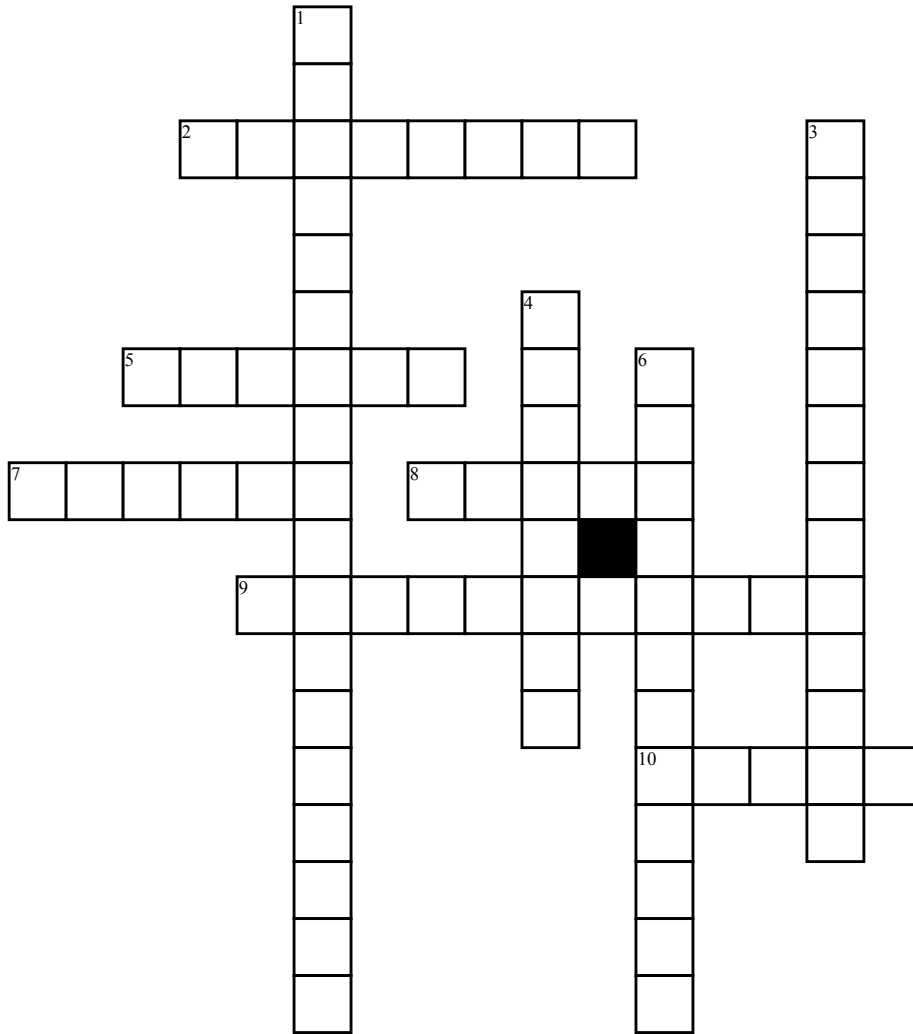


# Force and Motion Crossword Puzzle



## Across

2. An object's location relative to its starting point (is a vector).
5. An object that has both length and direction.
7. The starting point.
8. The measure of the steepness of a line (find by dividing rise over run).
9. A set of numbers used to specify a certain point on a line.

## Word Bank

- |               |                |          |                     |
|---------------|----------------|----------|---------------------|
| slope         | position       | speed    | vector              |
| average speed | origin         | velocity | instantaneous speed |
| coordinates   | constant speed |          |                     |

10. The rate at which an object covers distance (distance divided by time).

## Down

1. The speed of an object at a specific moment.
3. When the speed of an object remains the same.
4. Displacement (distance and direction between two points) divided by time.
6. The total distance traveled divided by the total time traveled.