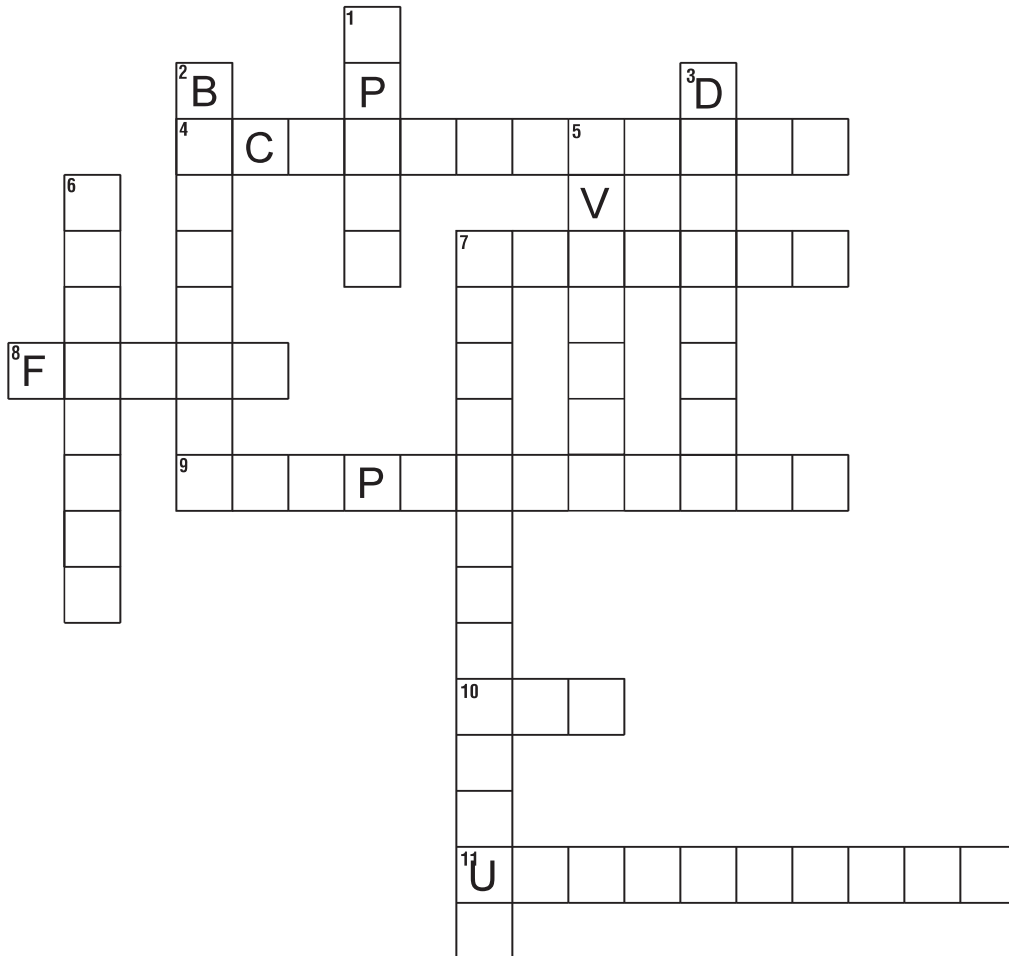




Directions: Use the clues below to complete the crossword puzzle.


Across

4. the rate of change of velocity
7. the tendency of an object to resist any change in its motion
8. a push or pull that is exerted on an object
9. the distance and direction of an object from a starting point
10. Equal, but opposite, forces are said to result in a(n) _____ force of zero.
11. type of force that can change the velocity of a body at rest or in motion

Down

1. the distance an object travels per unit of time
2. forces on an object that are equal in strength but opposite in direction
3. a measure of how far an object has moved from a starting point
5. _____ speed is equal to the total distance traveled divided by the total time of travel.
6. includes both the speed of an object and the direction it is moving
7. The rate of change in position at a given point in time is _____ speed.