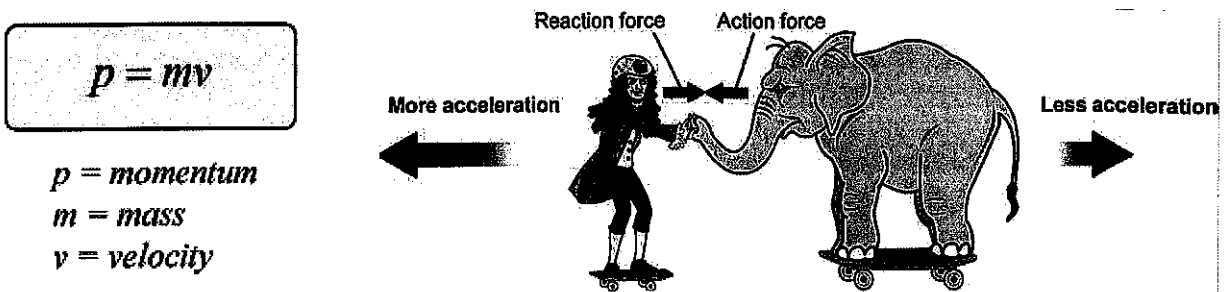


Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_



**Bill Nye – The Science Guy: Momentum**

1. Whenever something is moving it has \_\_\_\_\_.
2. When moving things run into each other, momentum can \_\_\_\_\_.
3. Jai Alai is a sport that originated in what country? \_\_\_\_\_
4. Jai Alai balls have been clocked at approximately \_\_\_\_\_ kilometers per hour.
5. The momentum of all the pieces of the ball soaked in liquid nitrogen is equal to the \_\_\_\_\_ of the bouncing ball.
6. Rockets move because of the momentum of their \_\_\_\_\_.
7. The momentum of the moving rocket and the momentum of the fuel are in \_\_\_\_\_ direction(s).  
(opposite or same)
8. Momentum depends on how much things \_\_\_\_\_ and how \_\_\_\_\_ they are moving.
9. Why did Bill put his foot on his croquet ball? \_\_\_\_\_
10. Music Quote: The faster you push me, the \_\_\_\_\_ I get.