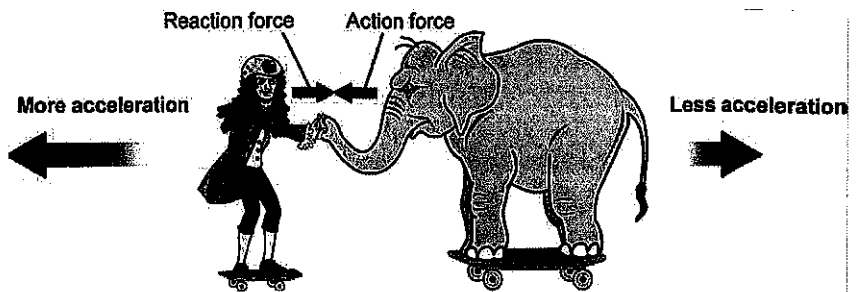


$$p = mv$$

$p = \text{momentum}$
 $m = \text{mass}$
 $v = \text{velocity}$



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.

