

FORCES notes

- A force is any _____ or _____ exerted on an object.
- Force is the cause of _____, or change in an object's velocity.
- When you hit a baseball, a force is applied to the ball to make the ball _____.
- Force gives an object the _____ to move, stop moving, slow down or change direction.
- We would never be able to move/stop things without _____ forces on them. (Specifically, unbalanced forces)
- _____ Force is the combination of all of the forces acting on an object
- Net force determines whether the velocity of the object will _____.
- An object accelerates in the _____ of the net force.
- An object won't accelerate if the net force is _____.
- **Balanced Forces**
 - Balanced forces do _____ change motion!
 - Balanced forces _____ each other out
 - The combined force equals _____
- **Unbalanced Forces**
 - Unbalanced forces do not _____ completely!
 - If opposing forces acting on an object do not have the same _____, they do not cancel each other completely.
 - Unbalanced forces cause an object to _____.