

Newton's Third Law Study Sheet

1. collide To strike or hit something with any amount of force.
2. force A push or pull that can change the motion of an object.
3. interacting object Objects that affect one another.
4. motion The change in an object's position with respect to time and in comparison to the position of other objects used as reference points.
5. Newton Unit of measurement for force.
6. Newton's Third Law States that for every action, there is an equal and opposite reaction.
7. Spring Scale A tool that measures a pulling force by the tension on a spring; the force is measured in Newtons.
8. mass The amount of matter in an object.
9. weight Pull of gravity on an object.
10. action force It is equal in strength and opposite in direction to the reaction force, and acts simultaneously on whatever is exerting the reaction force.
11. agent The source a force.
12. object The thing upon which forces act.
13. gravity An attractive force that exists between all objects that have mass.