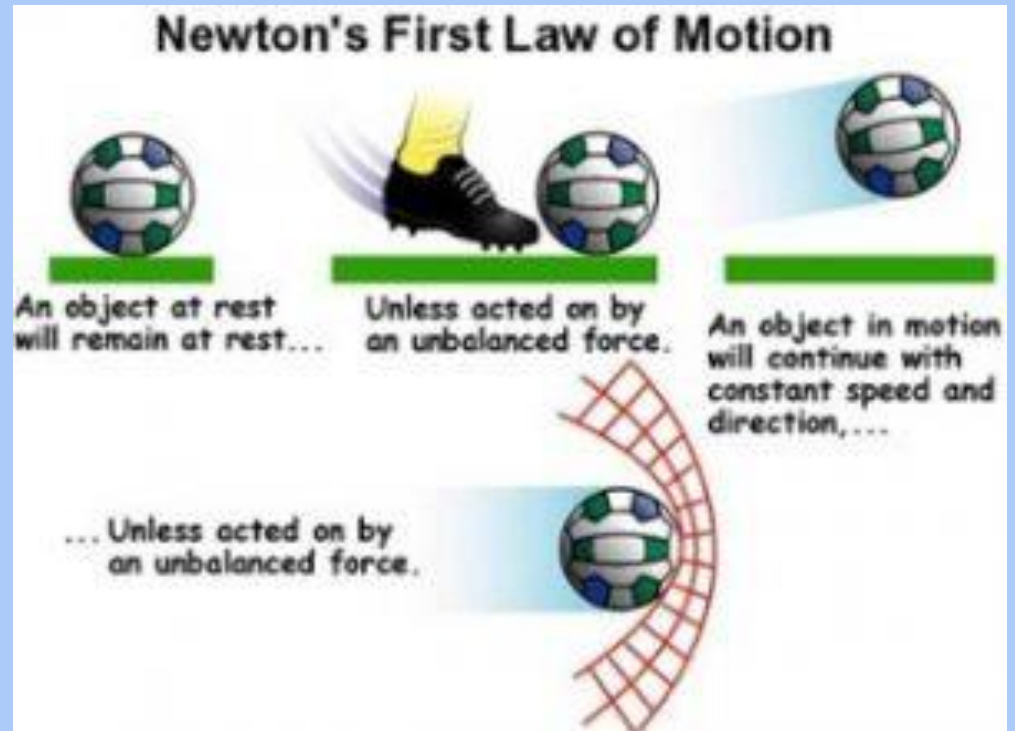


GQ #1: NEWTON'S LAWS OF MOTION

NEWTON'S FIRST LAW

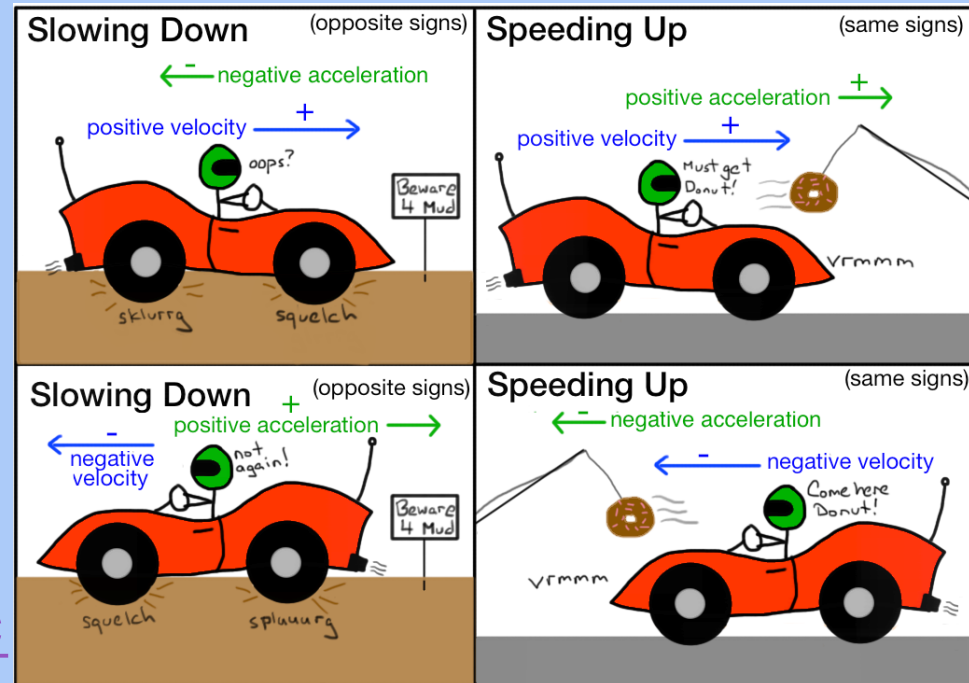
- States: An object at rest stays at rest and an object in motion stays in motion
- <https://www.khanacademy.org/science/physics/forces-newtons-laws/newtons-laws-of-motion/v/newton-s-1st-law-of-motion>



NEWTON'S SECOND LAW

- States: the acceleration of an object is dependent upon two variables - the net force acting upon the object and the mass of the object

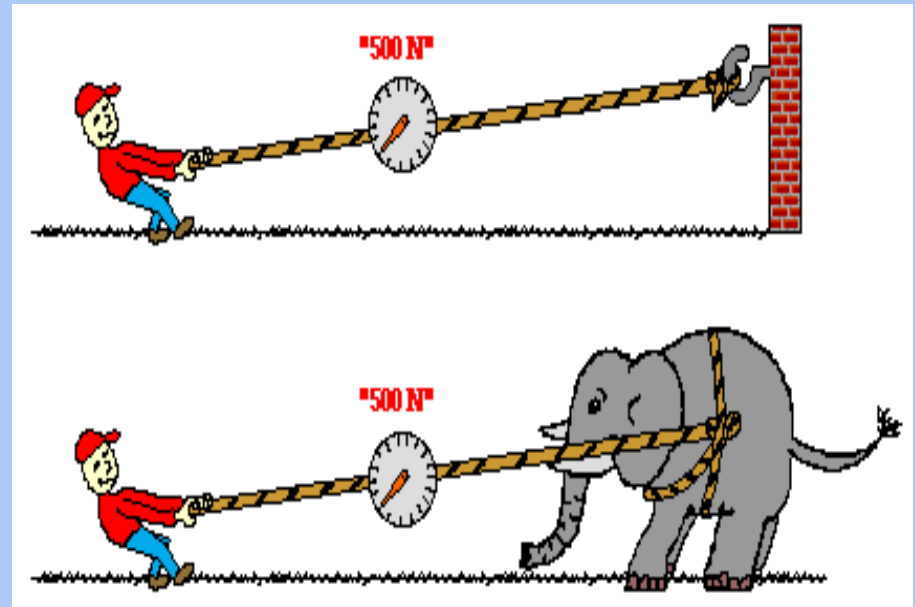
■ <https://www.youtube.com/watch?v=ou9YMWIJgkE>



NEWTON'S THIRD LAW

- States: For every action, there is an equal and opposite reaction

- <https://www.youtube.com/watch?v=NfuKfbpkIrQ>



SIMPLE MACHINES

Simple Machines are Simple!

- Few parts to work
- Make our lives easier
- Here are the 6 simple machines...

- Lever
- Pulley
- Wheel & Axle
- Inclined plane
- Screw
- Wedge

