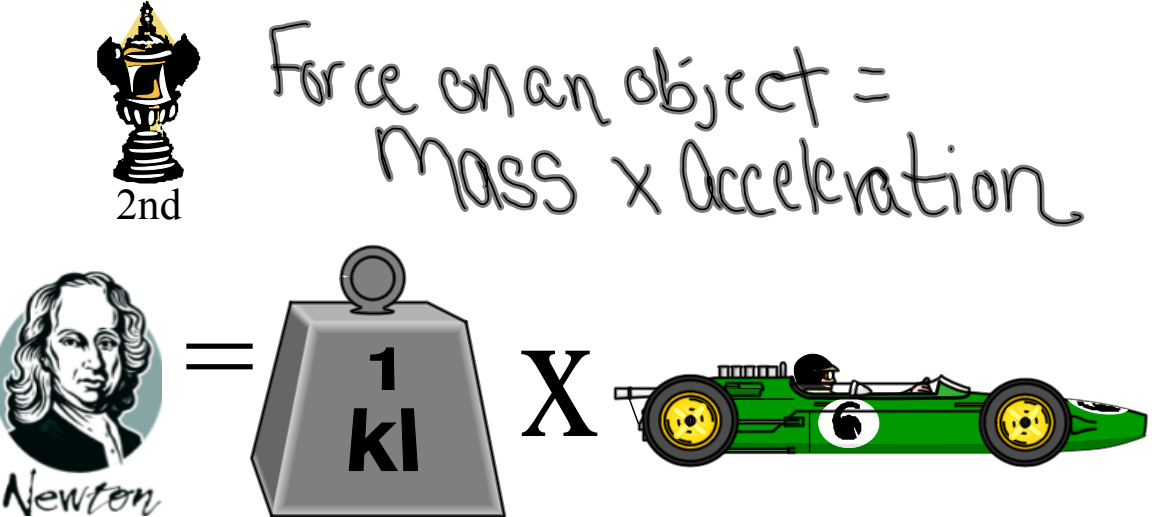


go faster - less mass

Nov 17-6:22 PM

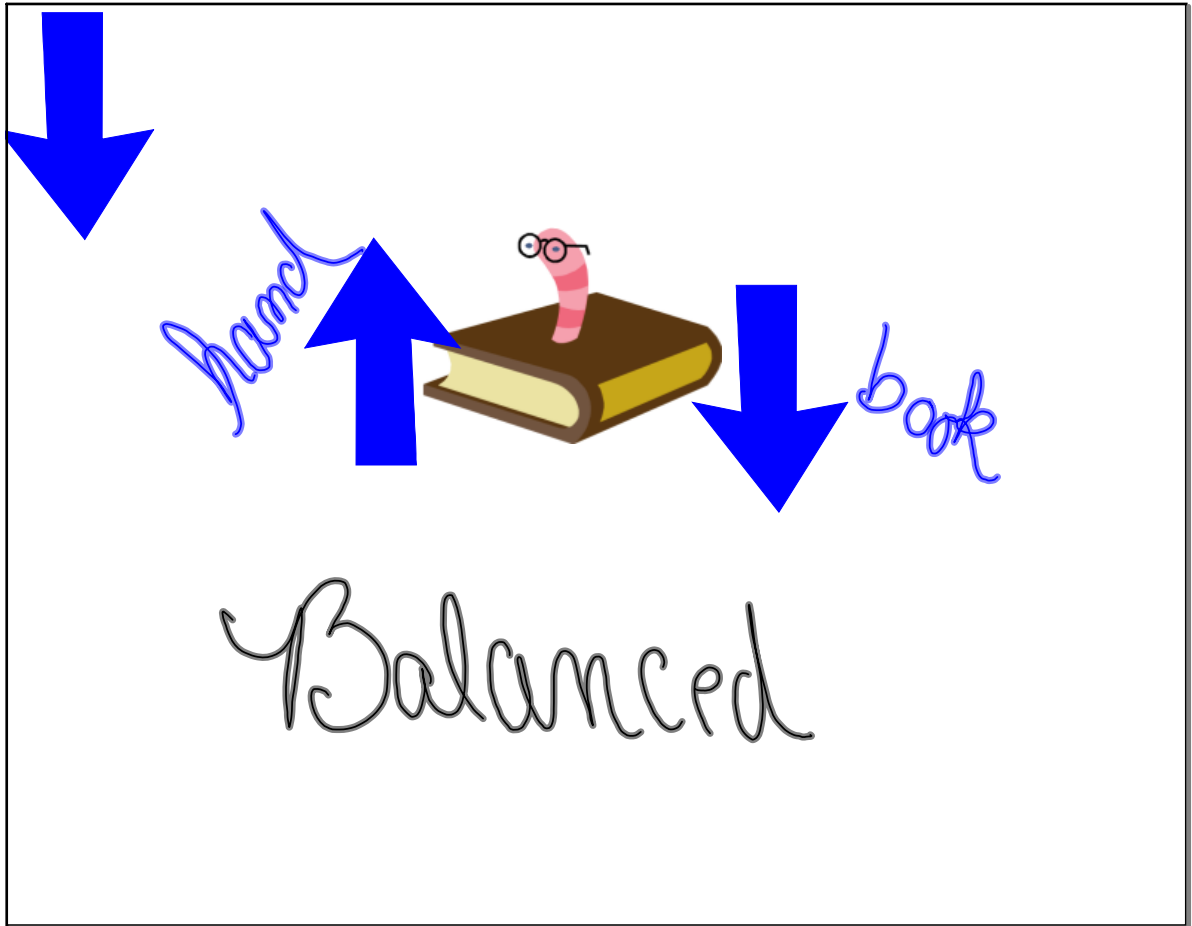


Force on an object =  
mass x acceleration

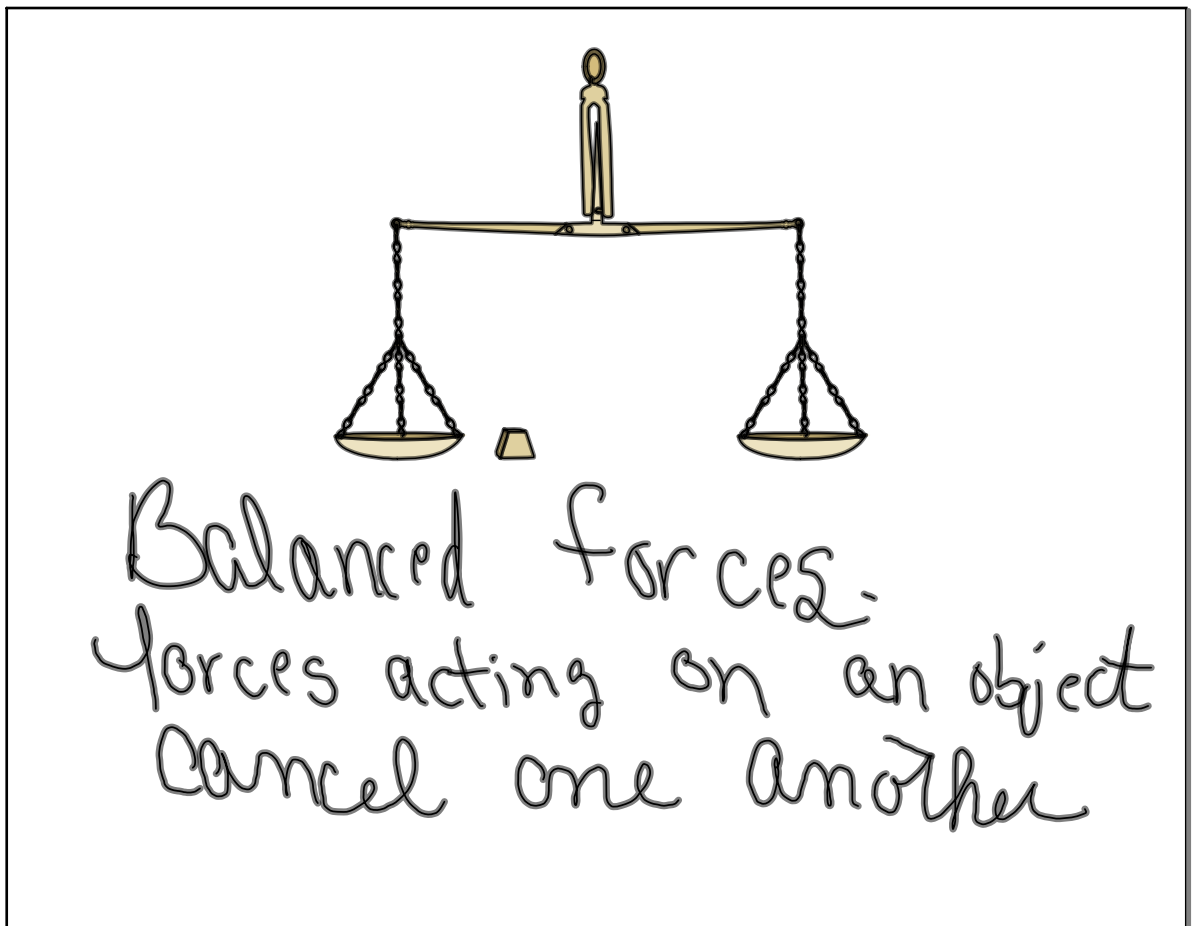
Newton kg

m/s<sup>2</sup>  
gravity 9.8m/s<sup>2</sup>

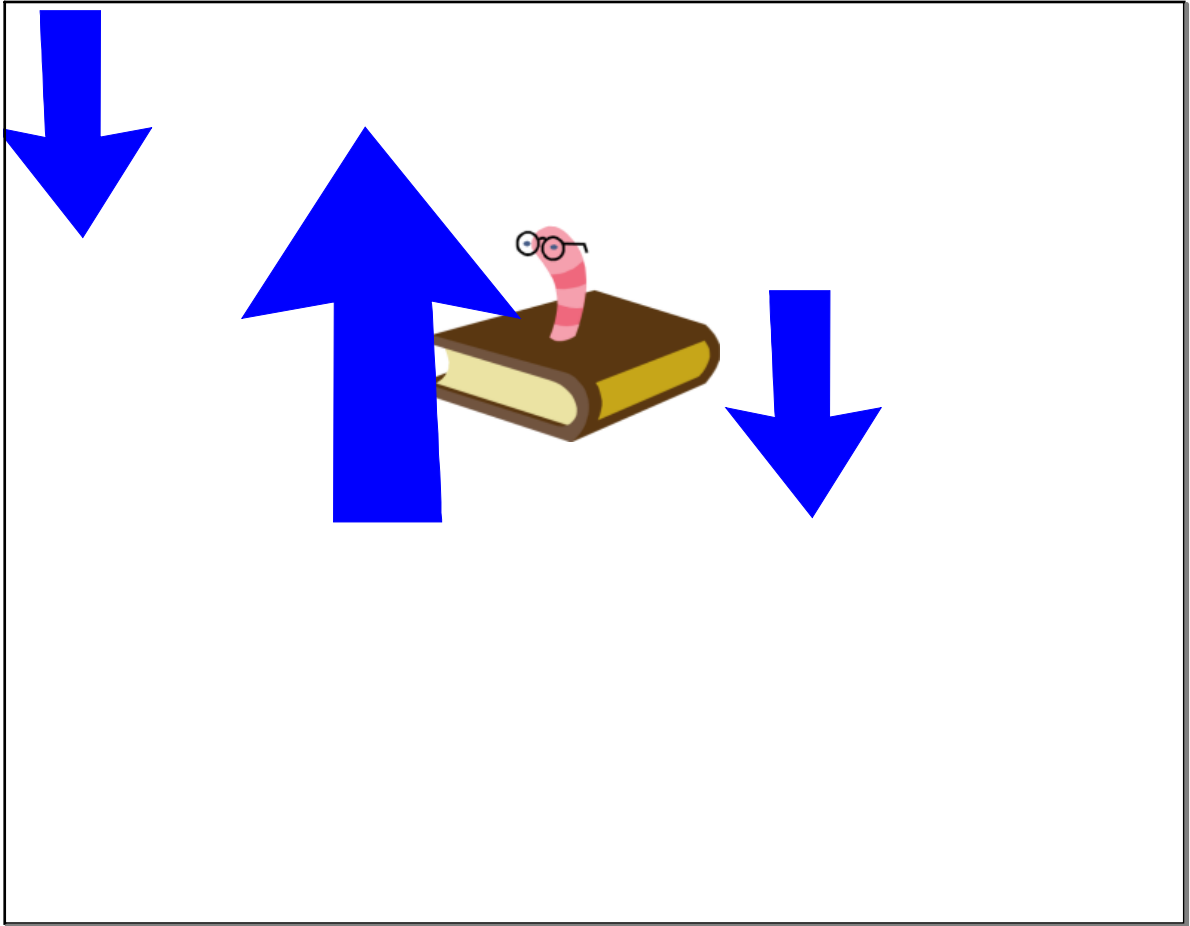
2nd Law



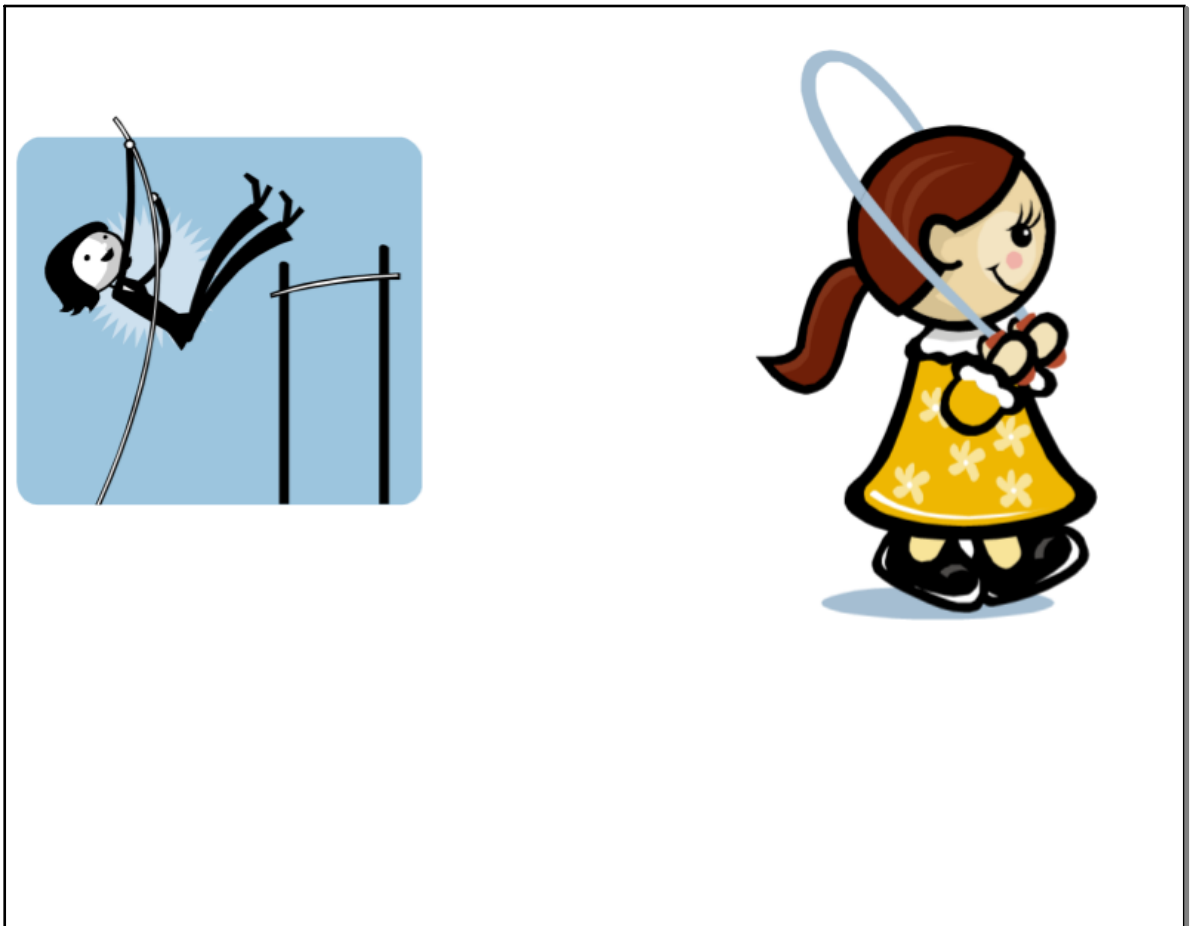
Nov 17-6:50 PM



Balanced Forces



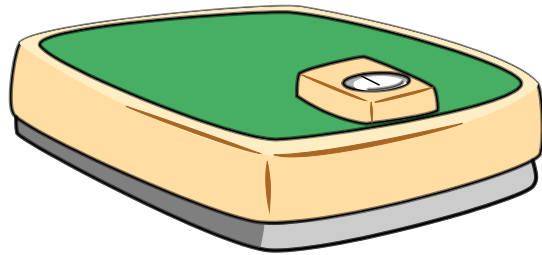
Nov 17-6:50 PM



Nov 17-6:52 PM

Force = Weight

Weight is the gravitational force on you.



Weight

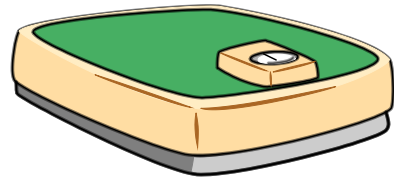
Force



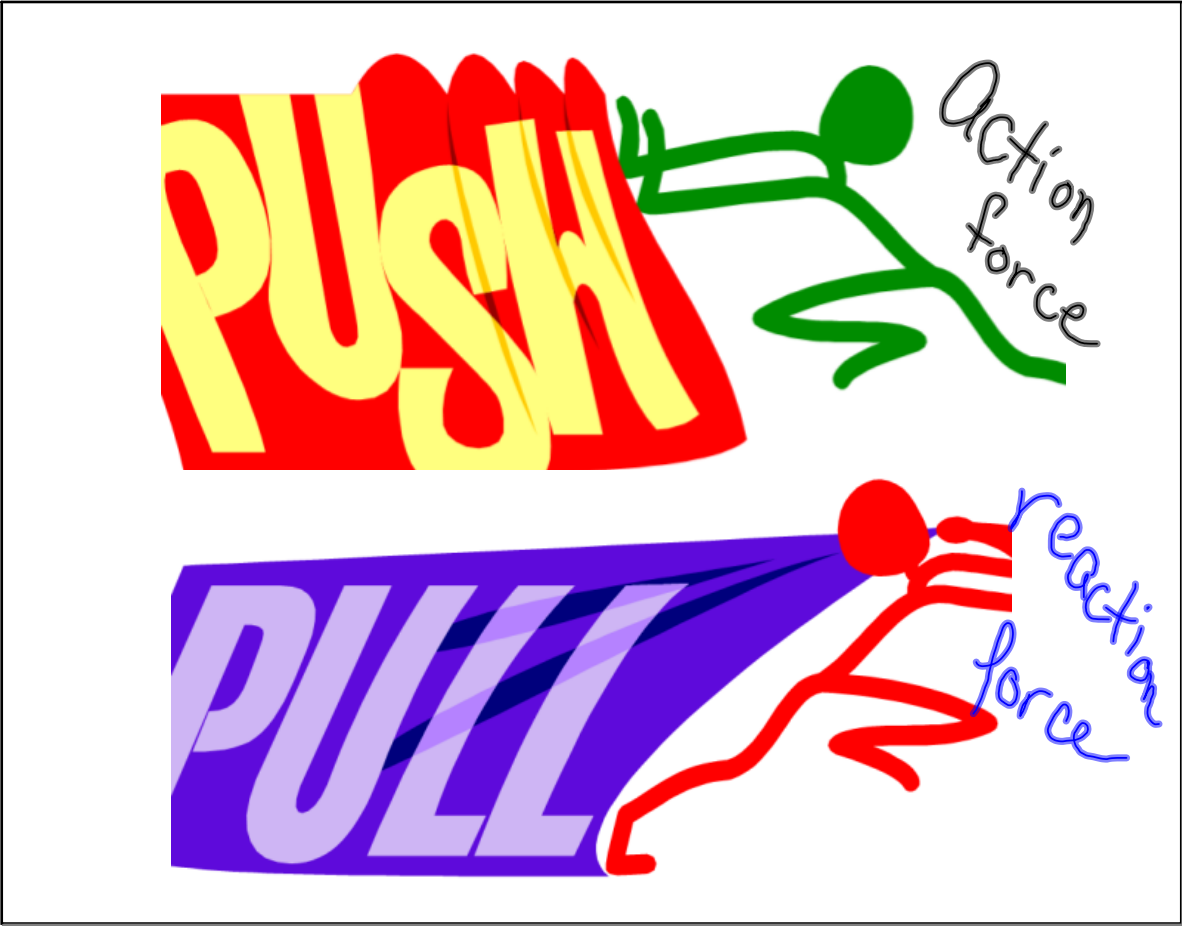
Newton

=


Weight




Weight = Force



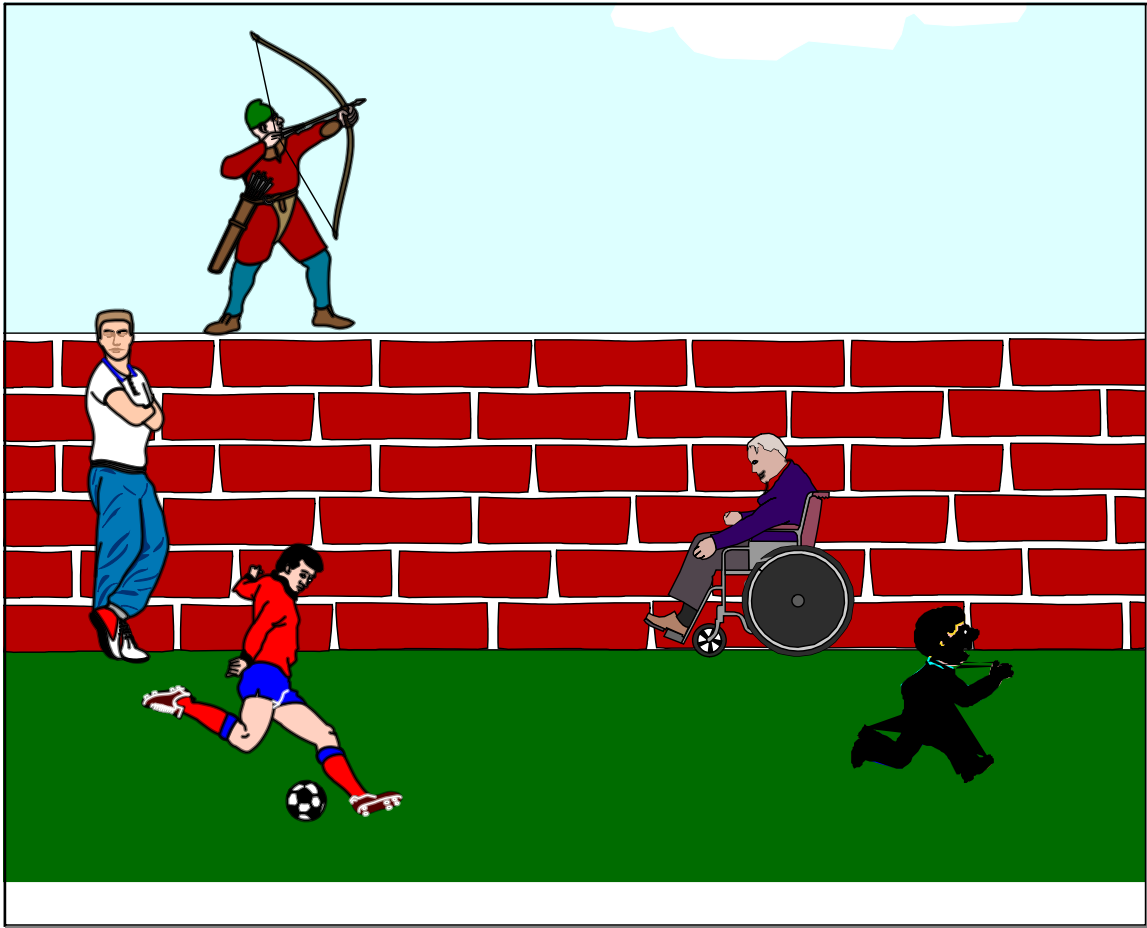
Action/reaction



For every action there is an equal & opposite reaction.



3rd Law



Wall scene