

Which go farther?

Nov 17-6:22 PM

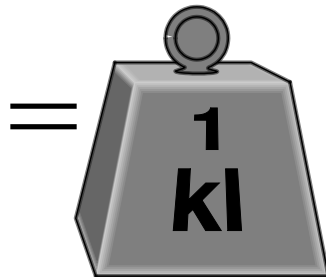


2nd

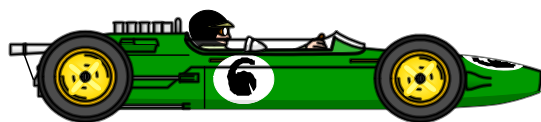
force on an object = mass x acceleration



Newton



X

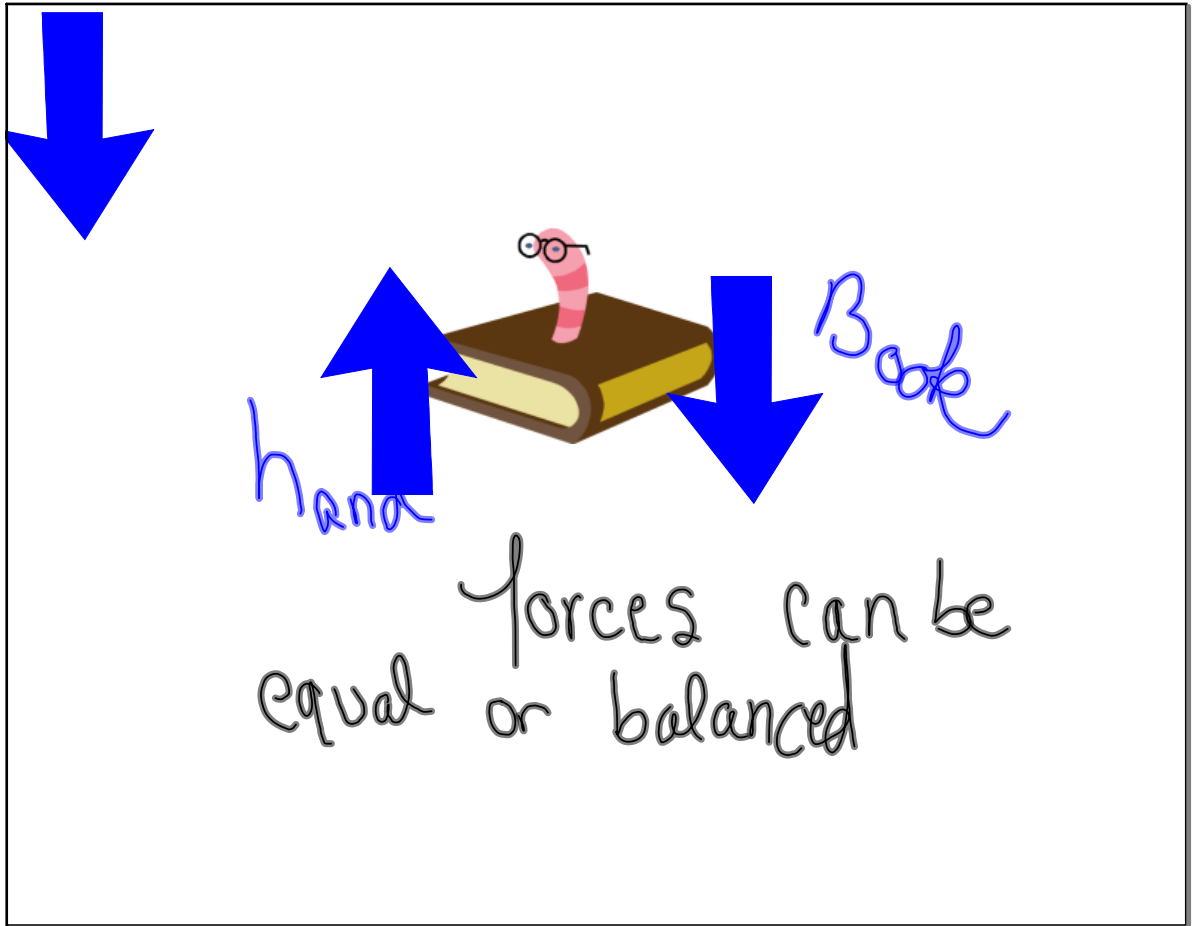


Force  
Newton

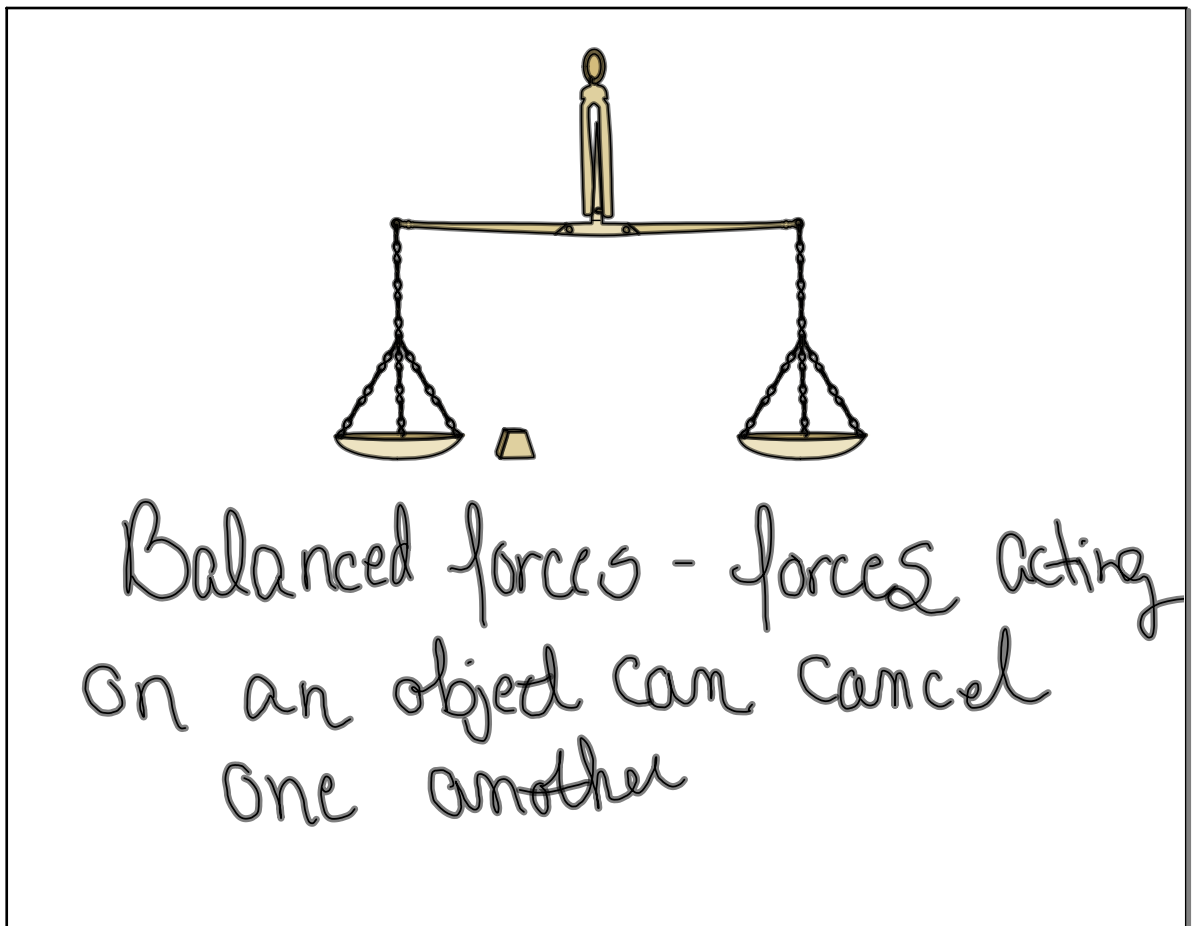
mass  
kg

acceleration  
m/s<sup>2</sup>  
usually gravity

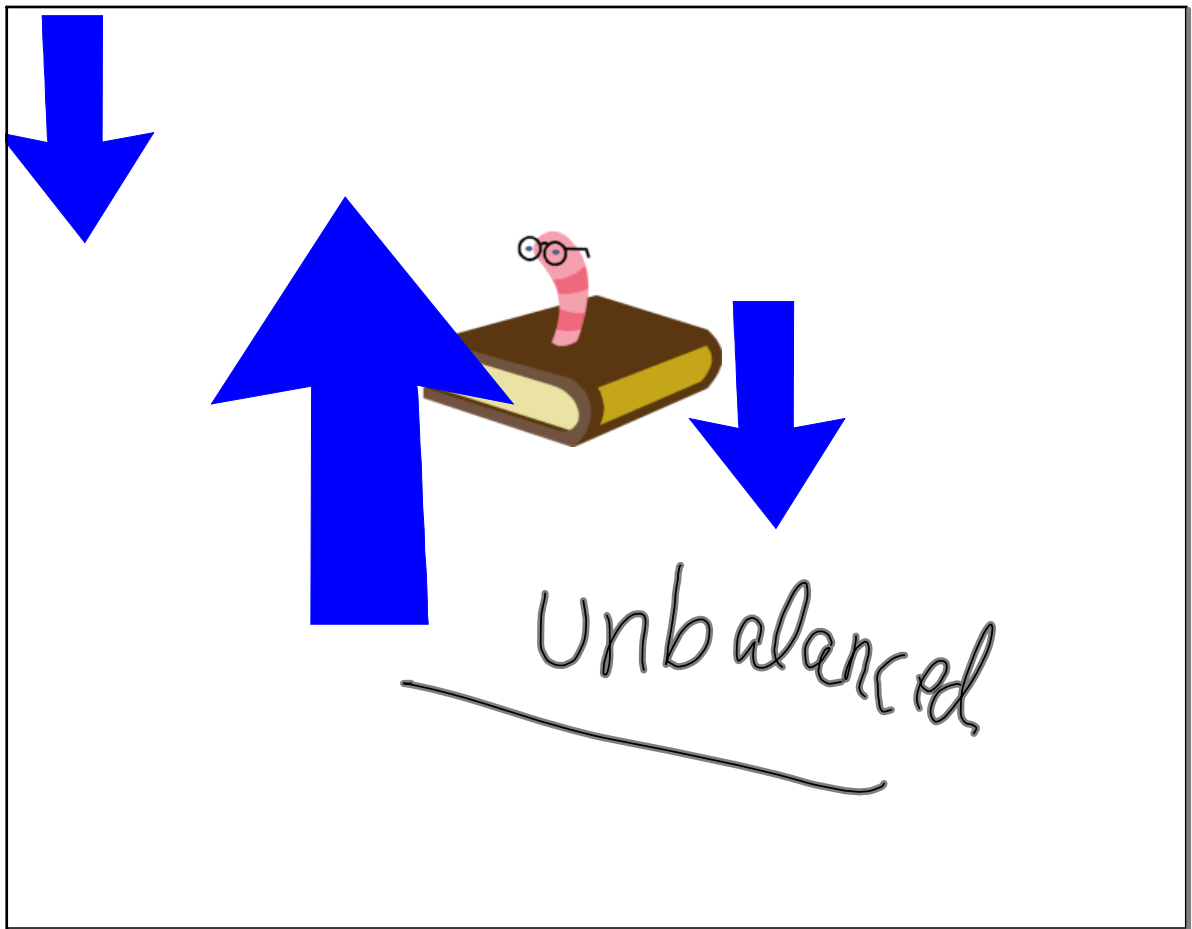
2nd Law



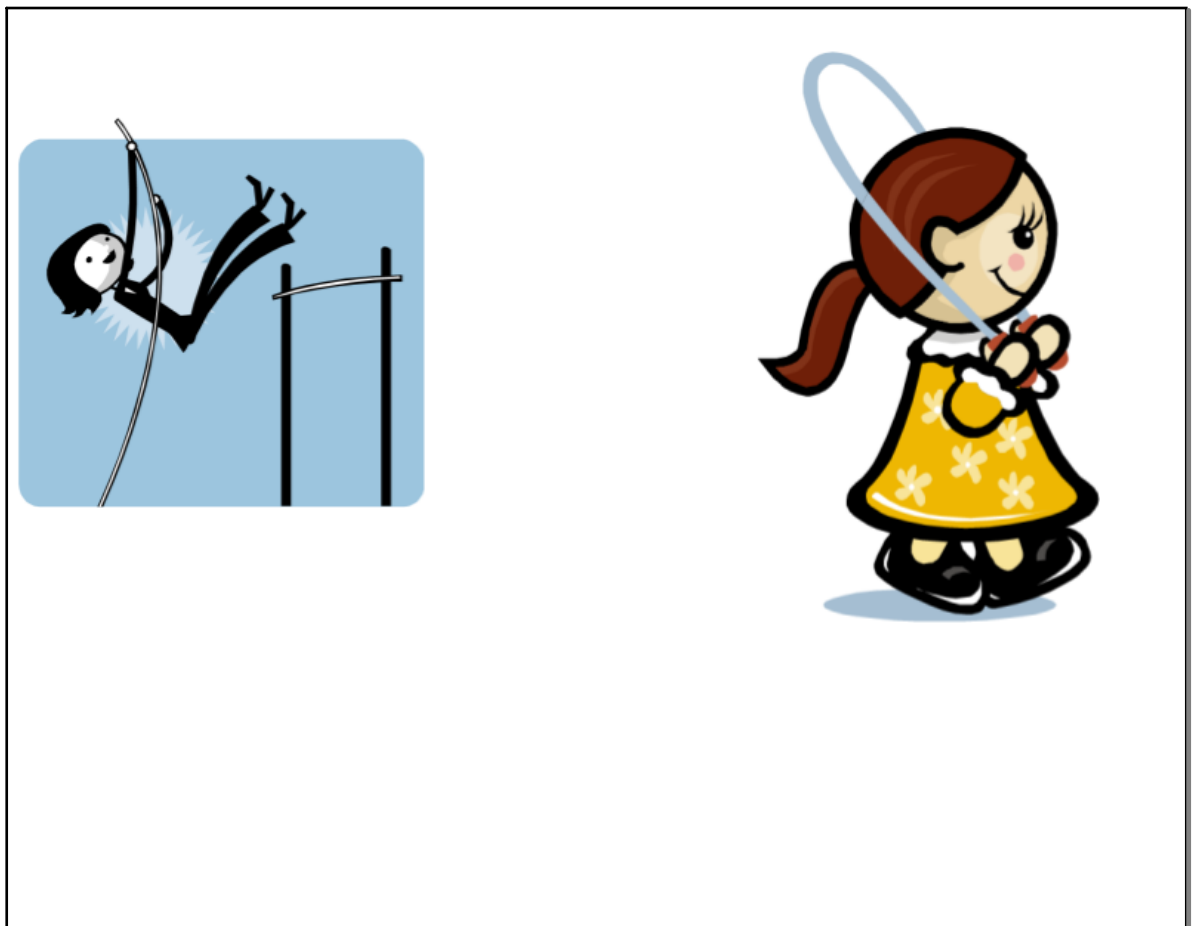
Nov 17-6:50 PM



Balanced Forces

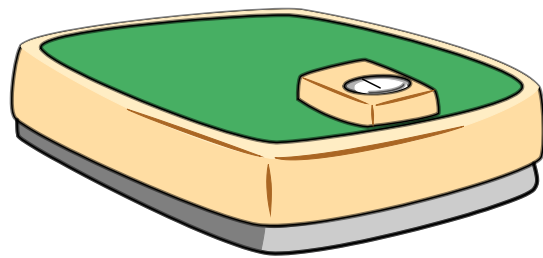


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What is weight?  
gravitational pull on  
you.



Weight

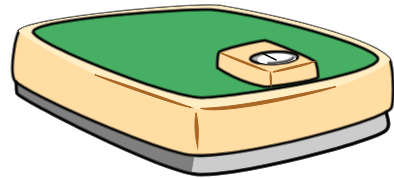
Force



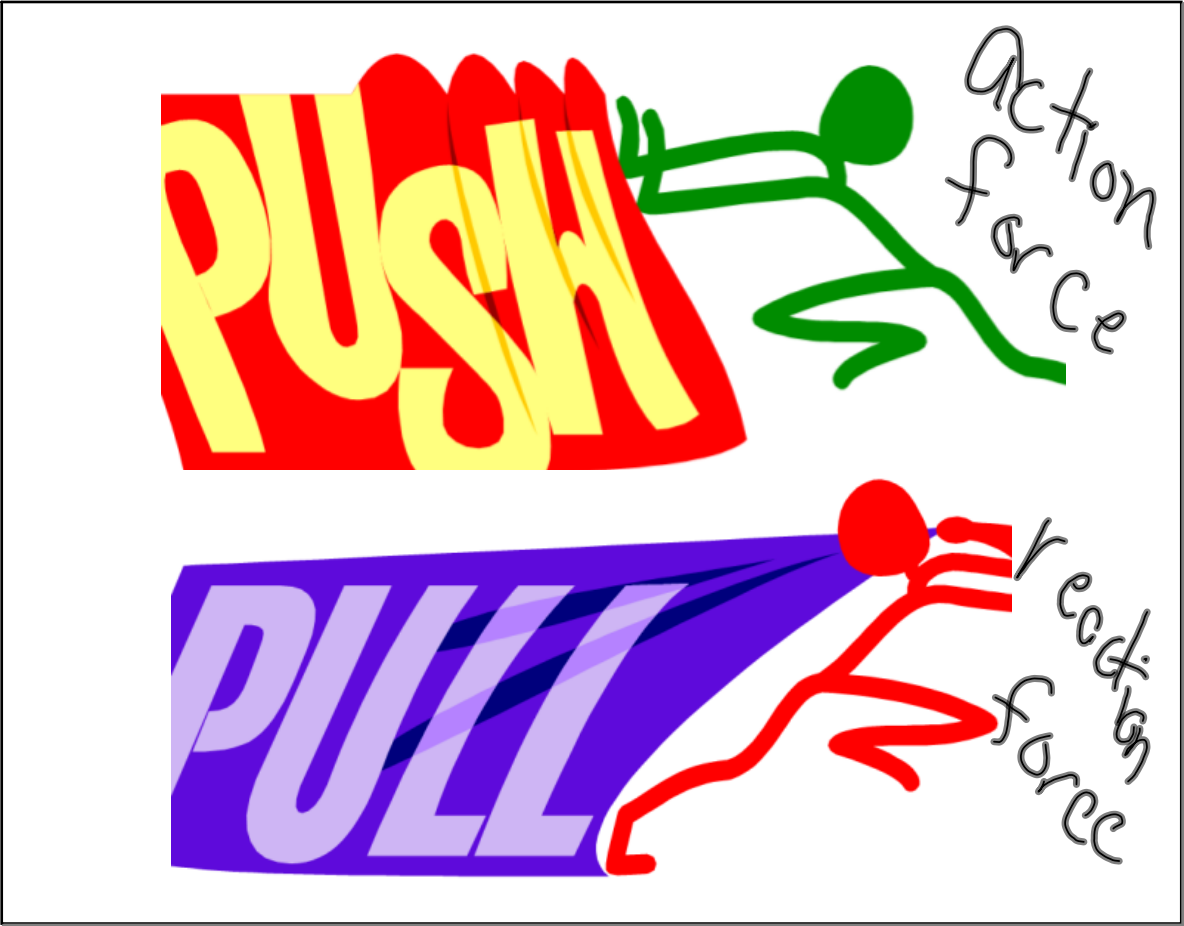
Newton

=


Weight




Weight = Force



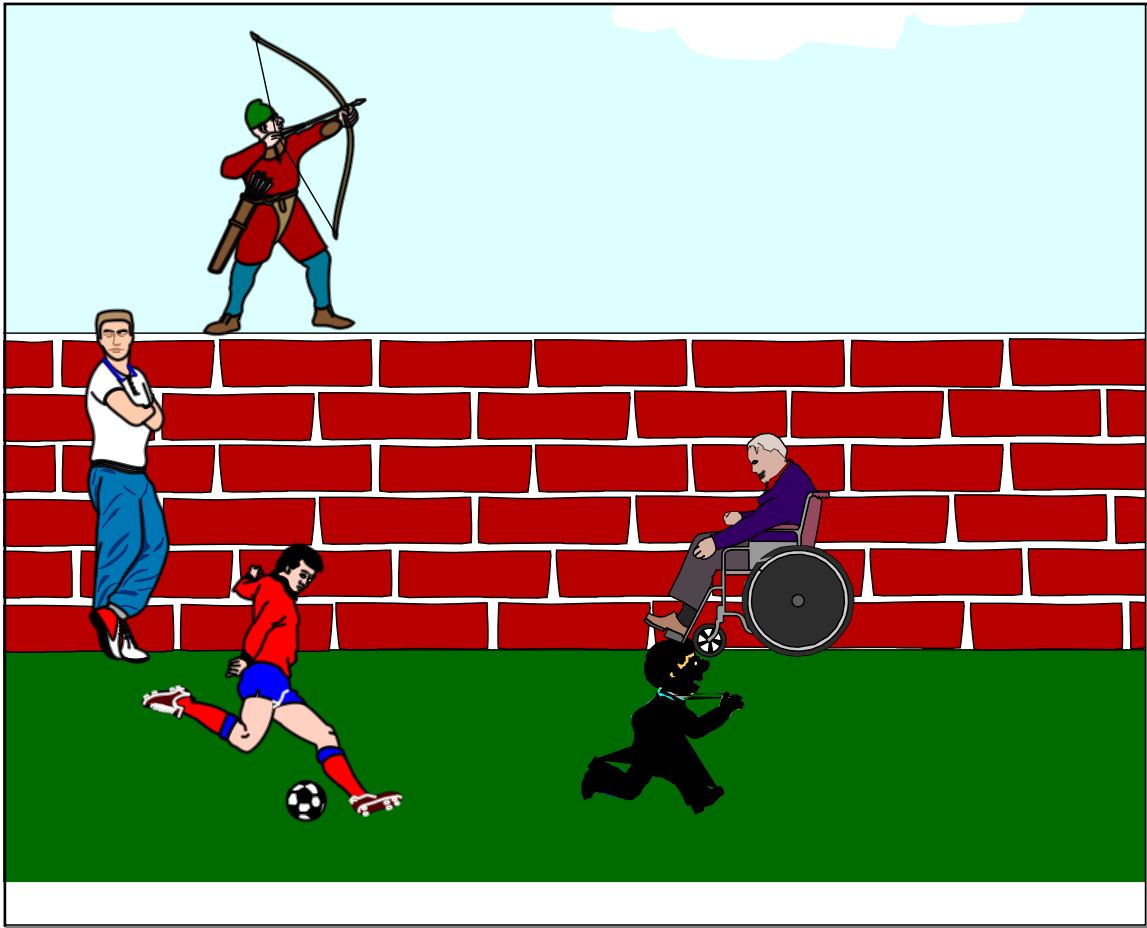
Action/reaction



for every action there is a  
equal & opposite reaction



3rd Law



Wall scene