

Table of Friends

Units	Key Words	Quantities	Ans	Equations
m m/s s	How far? How high? How fast?	Time Height Distance Initial velocity accel	t; v Δx Δy	$v_f = v_i + a\Delta t$ $\Delta x = v_i \Delta t + 1/2 a\Delta t^2$ $v_f^2 = v_i^2 + 2a\Delta x$ $\Delta x = 1/2(v_f - v_i)\Delta t$
m/s m s	Constant x velocity No x accel How far?	Dist, vel, time		$v_x = \Delta x / \Delta t$
			W	$W = __ \cos()$
kg*m/s “The Putin”	Momentum (p)	Velocity (v) _____ (m)	p	$p=mv$
N	Force How hard is xyz pushing?	Momentum Velocity Mass Time friction	F	$\Sigma F = __$ $F = mg$ $\Sigma F = \Delta p / \Delta t$ $F_f = uF_n$
	Energy??? What could go here?			