

Chapter 12 Force

Physics Equation Sheet

TOPIC	EQUATION	VARIABLE	UNIT
Force	$F = ma$	$F = \text{Force}$	N
	$m = F/a$	$m = \text{mass}$	Kg * Has to be these units
	$a = F/m$	$a = \text{acceleration}$	m/s^2 *
* Use other equation sheet if you need to convert !! *			
	$g \rightarrow \text{Kg}$	$\div 1000$	
	$\text{lbs} \rightarrow \text{N}$	$\div .225$	
Gravity + Weight	$g = 9.8 m/s^2$	Gravity (if on Earth)	
	$W = mg$	$W = \text{Weight}$	N
	$m = \frac{W}{g}$	$m = \text{mass}$	Kg
	$\text{lbs} \rightarrow \text{Kg}$	$\div 2.2$	

