UNITS "CHEAT SHEET"

Name	Symbol	In Base Units*	Used to Measure
Kilogram	kg	Base unit	Mass
Meter	m	Base unit	Length Distance Displacement Wavelength
Second	s	Base unit	Time Period
	m/s	m/s	Velocity Speed
	m/s^2	m/s^2	Acceleration
Newton	N	$kg \cdot m/s^2$	Force
	N·s	kg·m/s	Impulse
	kg·m/s	kg·m/s	Momentum
Joule	J	$kg \cdot m^2/s^2$	Work Energy
Watt	W	$kg \cdot m^2/s^3$	Power
Hertz	Hz	1/s	Frequency
Coulomb	C	A·s	Charge
Ampere	A	Base unit	Current
Volt	V	$(kg \cdot m^2)/(s^3 \cdot A)$	Voltage
Ohm	Ω	$(kg \cdot m^2)/(s^3 \cdot A^2)$	Resistance

*Note: The base units of the SI system include the kilogram (kg), meter (m), second (s), and ampere (A). Other units are a combination of these three base units. Instead of having to always write a complicated expression using the base units all the time, certain units are given their own name and symbol for convenience (for example, the $kg \cdot m/s^2$ is given the name "Newton" and the symbol "N").