Summary of Circular Motion and Gravity

<u>motion in a straight line</u>	motion in a circle
v =	v =
	T = time to make 1 revolution
	Sometimes you know T without it being stated
	ExEarth around sun
a =	$a_c =$
	a _c =centripetal acceleration
Objects accelerate by changing An object that is traveling at a constant spe	or changing ed in a circle is accelerating. Why?
F =	$\mathbf{F}_{\mathrm{c}}=$
	F _c =centripetal force
	You can also make another equation for F_c by combining
	the last 2 equations.
	F _c =
<u>centripetal force</u> - the force needed to ke <u>centrifugal force</u> -	eep an object

GRAVITY

