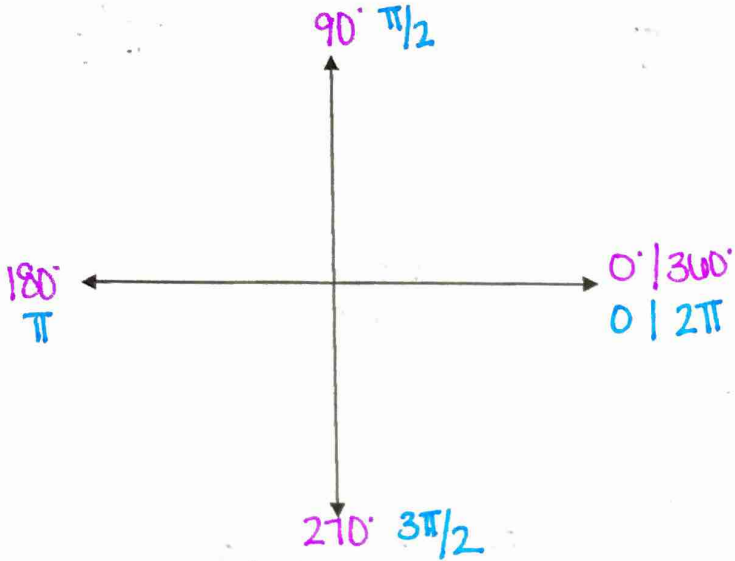


# Unit Circle

Unit Circle: a circle w/ a center at  $(0,0)$  "the origin"  
 & radius of 1  $x^2 + y^2 = 1$

Degrees & Radians



Quadrants & Their Signs

$\cos(-)$ $\sin(+)$	$\text{II}$	$\text{I}$ both $(+)$
$\text{III}$ both $(-)$	$\text{IV}$	$\cos(+)$ $\sin(-)$

$x \rightarrow \text{cosine}$   
 $y \rightarrow \text{sine}$

Quadrant 1

