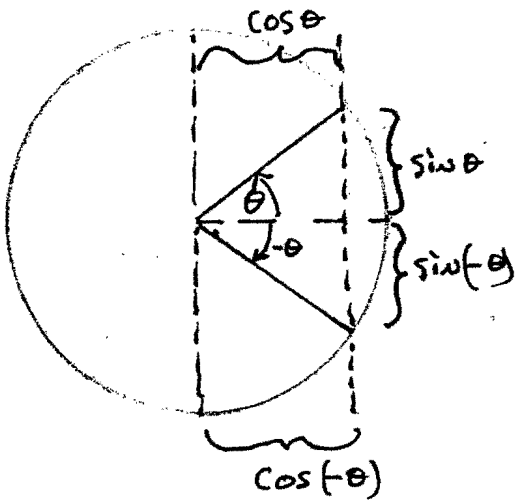
Unit circle with a sample angle θ and $-\theta$.



Observe above

$\cos(-\theta) = \cos(\theta)$

$f(-\theta) = f(\theta)$

$\therefore$ cosine is an EVEN FUNCTION

Observe above

$\sin(-\theta) = -\sin\theta$

$g(-\theta) = -g(\theta)$

$\therefore$ sine is an ODD FUNCTION

From a table of values observe the above conclusions.

	$\sin(-\theta)$				$\sin\theta$		
$\sin\theta$	$-\frac{\sqrt{3}}{2}$	$-\frac{\sqrt{2}}{2}$	$-\frac{1}{2}$	0	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$
θ	$-\frac{\pi}{3}$	$-\frac{\pi}{4}$	$-\frac{\pi}{6}$	0	$\frac{\pi}{6}$	$\frac{\pi}{4}$	$\frac{\pi}{3}$
$\cos\theta$	$\frac{1}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{3}}{2}$	1	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2}}{2}$	$\frac{1}{2}$
	$\cos(-\theta)$				$\cos\theta$		