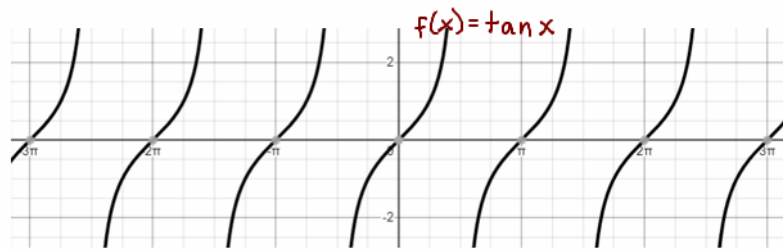
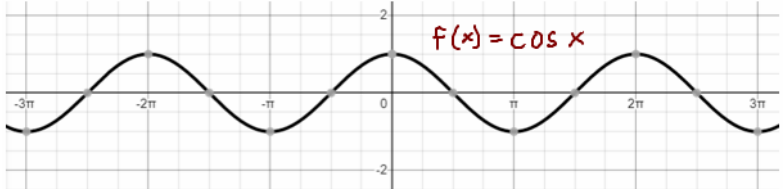
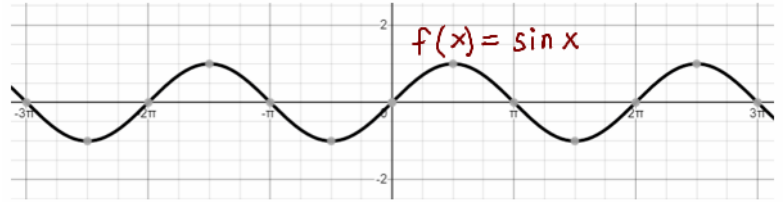


Trig Facts

θ	$\sin \theta$	$\cos \theta$	$\tan \theta$
$0^\circ, 0$	0	1	0
$30^\circ, \frac{\pi}{6}$	$\frac{1}{2} = 0.5$	$\frac{\sqrt{3}}{2} \approx 0.866$	$\frac{\sqrt{3}}{3} \approx 0.577$
$45^\circ, \frac{\pi}{4}$	$\frac{\sqrt{2}}{2} \approx 0.707$	$\frac{\sqrt{2}}{2} \approx 0.707$	1
$60^\circ, \frac{\pi}{3}$	$\frac{\sqrt{3}}{2} \approx 0.866$	$\frac{1}{2} = 0.5$	$\sqrt{3} \approx 1.73$
$90^\circ, \frac{\pi}{2}$	1	0	∞
$120^\circ, \frac{2\pi}{3}$	$\frac{\sqrt{3}}{2} \approx 0.866$	$-\frac{1}{2} = -0.5$	$-\sqrt{3} \approx -1.73$
$135^\circ, \frac{3\pi}{4}$	$\frac{\sqrt{2}}{2} \approx 0.707$	$-\frac{\sqrt{2}}{2} \approx -0.707$	-1
$150^\circ, \frac{5\pi}{6}$	$\frac{1}{2} = 0.5$	$-\frac{\sqrt{3}}{2} \approx -0.866$	$-\frac{\sqrt{3}}{3} \approx -0.577$
$180^\circ, \pi$	0	-1	0

Graphs



The Trig Unit Circle

