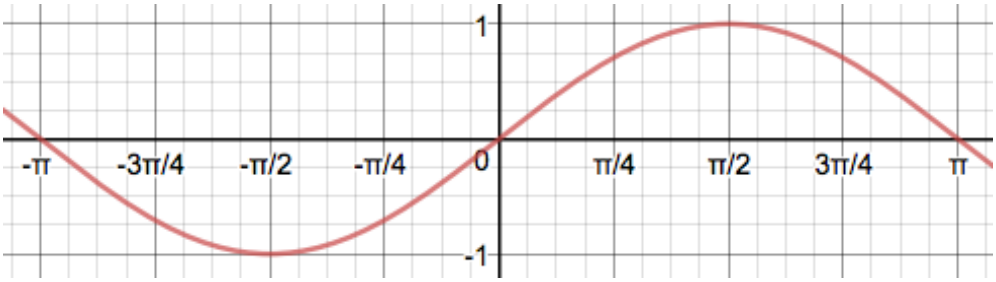
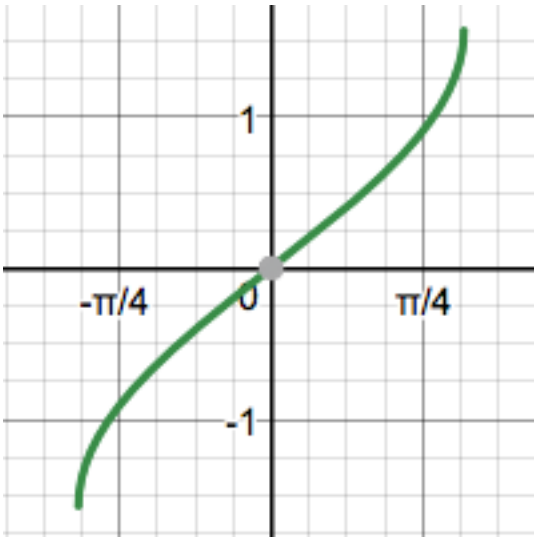
Sine

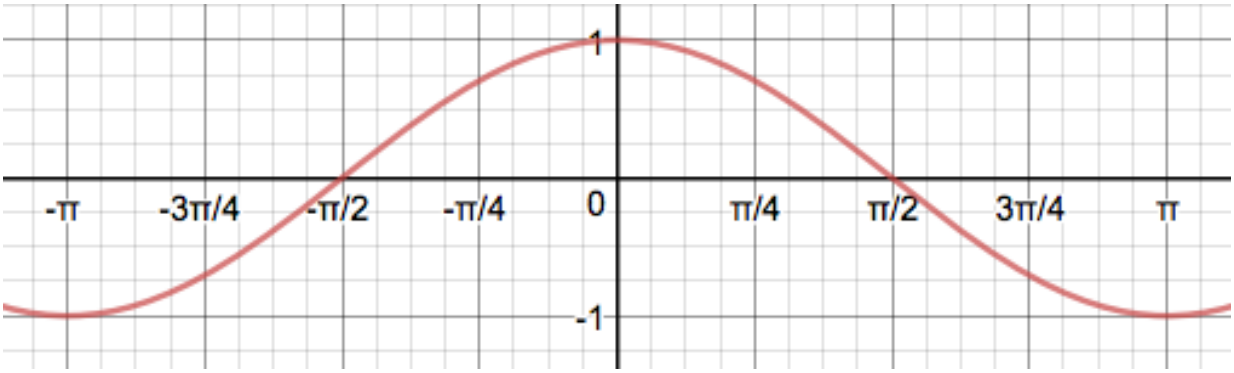


x	f(x)
$\pi/6$	1/2
$\pi/2$	1

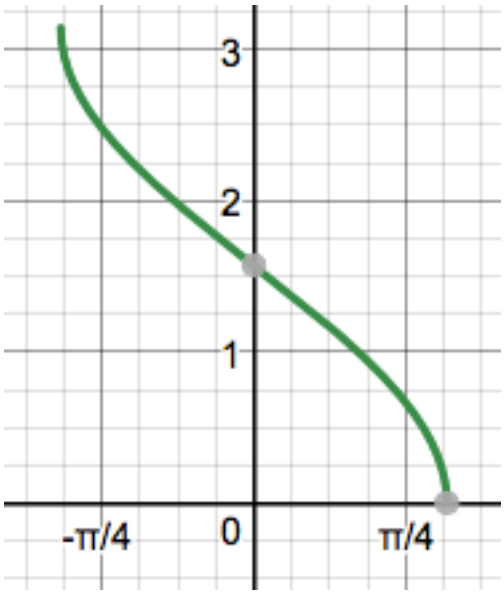


$f(-1)^{-1} = \frac{-\pi}{2}$

Cosine

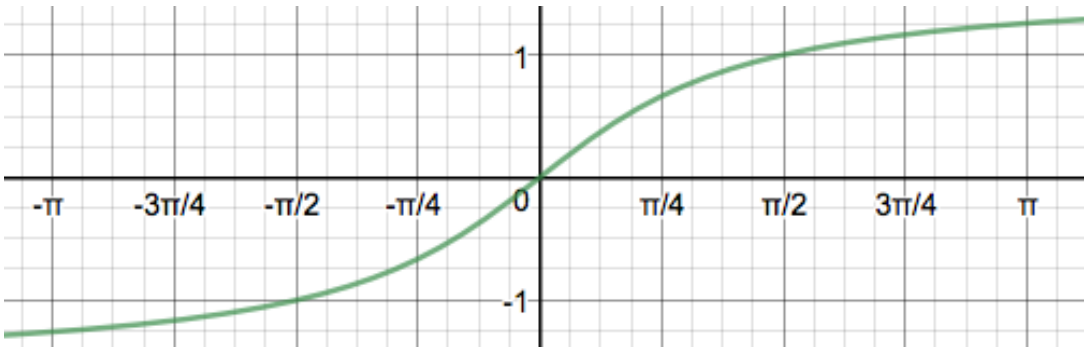


x	f(x)
$\pi/6$	$\sqrt{3}/2$
$\pi/2$	0

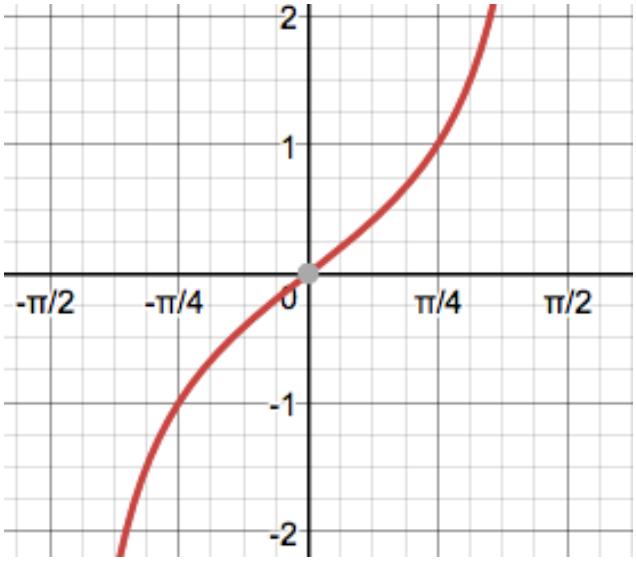


$$f\left(\frac{\sqrt{3}}{2}\right)^{-1} = \frac{\pi}{6}$$

Tangent



x	f(x)
$\pi/6$	$\sqrt{3}/3$
$\pi/2$	Und.



$f(\sqrt{3})^{-1} = \frac{\pi}{3}$