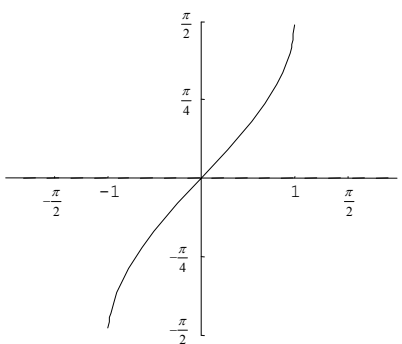
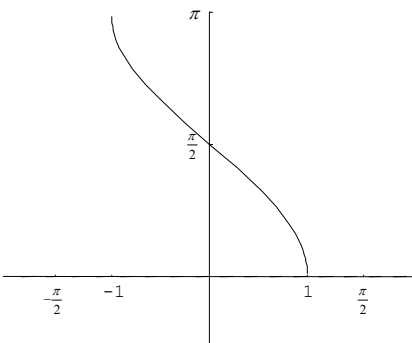
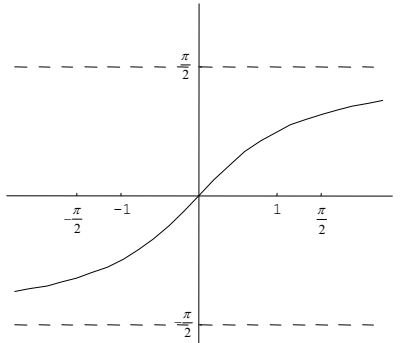
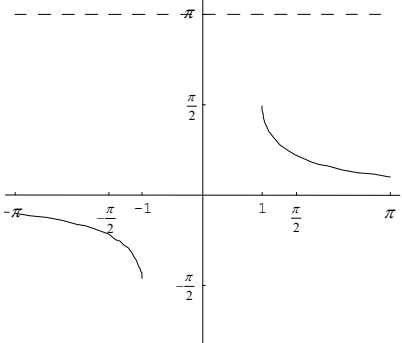
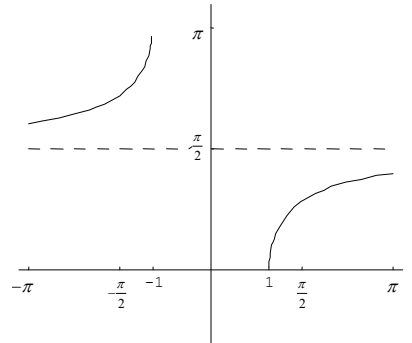
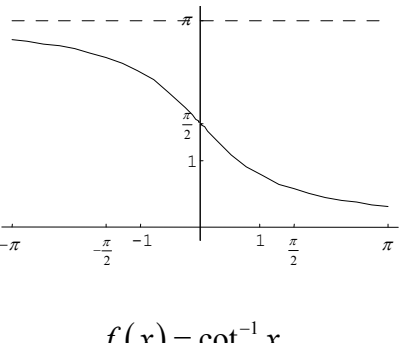
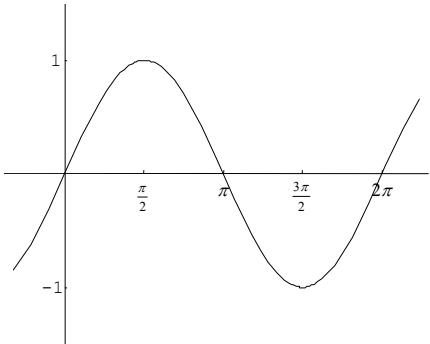
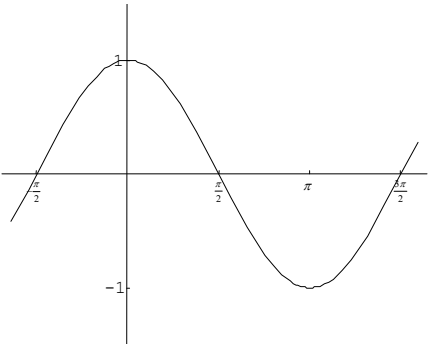
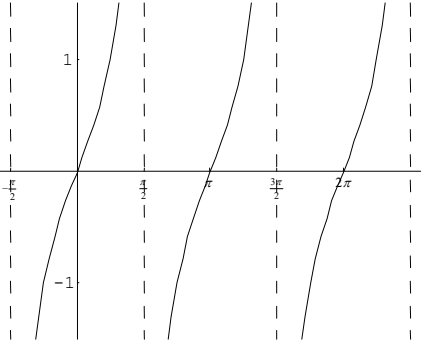
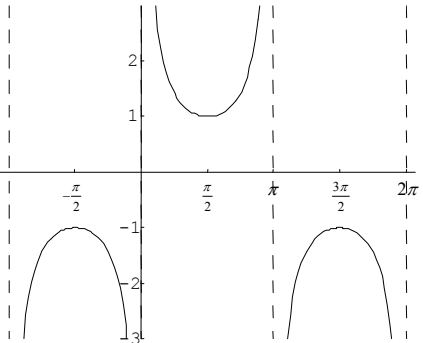
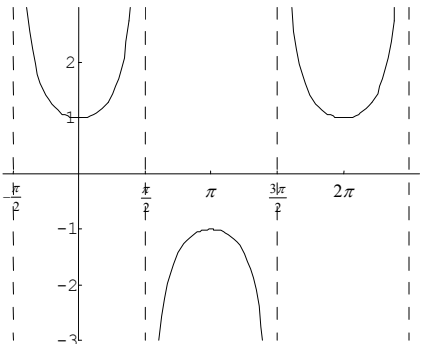
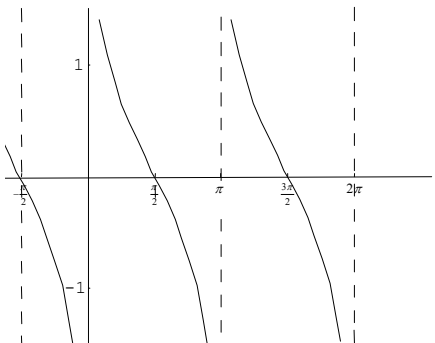


GRAPHS OF INVERSE TRIG FUNCTIONS

<p>Domain: $[-1, 1]$ Range: $\left[-\frac{\pi}{2}, \frac{\pi}{2}\right]$</p>  <p>$f(x) = \sin^{-1} x$ $f(x) = \arcsin x$</p>	<p>Domain: $[-1, 1]$ Range: $[0, \pi]$</p>  <p>$f(x) = \cos^{-1} x$ $f(x) = \arccos x$</p>	<p>Domain: $(-\infty, \infty)$ Range: $\left(-\frac{\pi}{2}, \frac{\pi}{2}\right)$</p>  <p>$f(x) = \tan^{-1} x$ $f(x) = \arctan x$</p>
<p>Domain: $(-\infty, -1] \cup [1, \infty)$ Range: $\left[-\frac{\pi}{2}, \frac{\pi}{2}\right], y \neq 0$</p>  <p>$f(x) = \csc^{-1} x$ $f(x) = \text{arc csc } x$</p>	<p>Domain: $(-\infty, -1] \cup [1, \infty)$ Range: $[0, \pi], y \neq \frac{\pi}{2}$</p>  <p>$f(x) = \sec^{-1} x$ $f(x) = \text{arc sec } x$</p>	<p>Domain: $(-\infty, \infty)$ Range: $(0, \pi)$</p>  <p>$f(x) = \cot^{-1} x$ $f(x) = \text{arc cot } x$</p>

GRAPHS OF TRIG FUNCTIONS

<p style="text-align: center;">Domain: $(-\infty, \infty)$ Range: $[-1, 1]$ Period: 2π</p>  <p style="text-align: center;">$f(x) = \sin x$</p>	<p style="text-align: center;">Domain: $(-\infty, \infty)$ Range: $[-1, 1]$ Period: 2π</p>  <p style="text-align: center;">$f(x) = \cos x$</p>	<p style="text-align: center;">Domain: $\left(\left(k - \frac{1}{2}\right)\pi, \left(k + \frac{1}{2}\right)\pi\right)$ Range: $(-\infty, \infty)$ Period: π</p>  <p style="text-align: center;">$f(x) = \tan x$</p>
<p style="text-align: center;">Domain: $((k-1)\pi, k\pi)$ Range: $(-\infty, -1] \cup [1, \infty)$</p>  <p style="text-align: center;">$f(x) = \csc x = \frac{1}{\sin x}$</p>	<p style="text-align: center;">Domain: $\left(\left(k - \frac{1}{2}\right)\pi, \left(k + \frac{1}{2}\right)\pi\right)$ Range: $(-\infty, -1] \cup [1, \infty)$</p>  <p style="text-align: center;">$f(x) = \sec x = \frac{1}{\cos x}$</p>	<p style="text-align: center;">Domain: $((k-1)\pi, k\pi)$ Range: $(-\infty, \infty)$</p>  <p style="text-align: center;">$f(x) = \cot x = \frac{1}{\tan x}$</p>