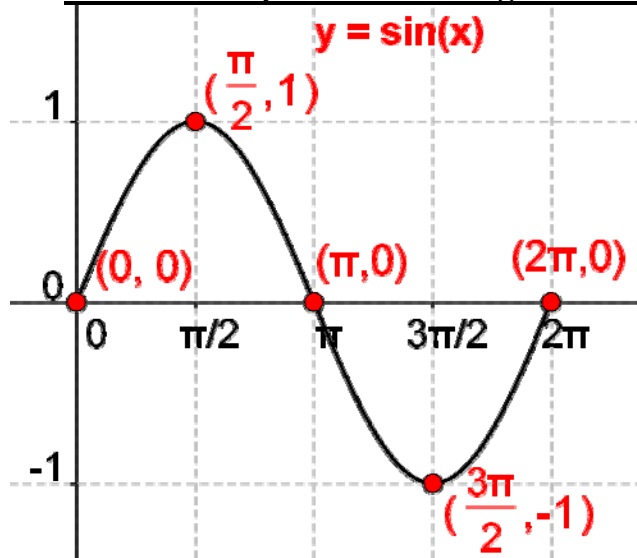
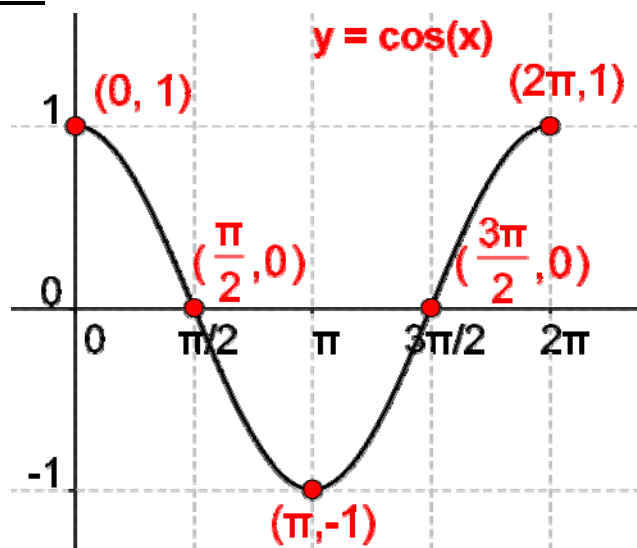


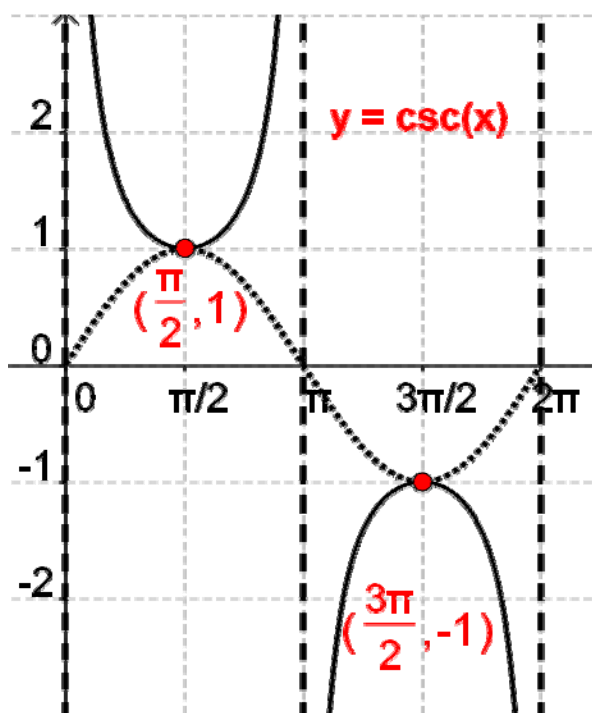
## The Basic Graphs of the Six Trigonometric Functions



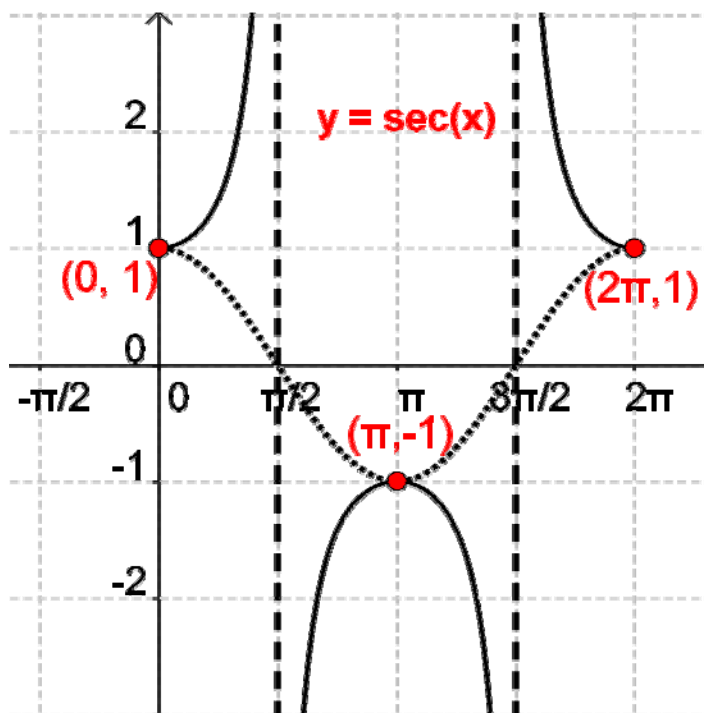
Domain: All real numbers  
 Range:  $[-1, 1]$   
 Period:  $2\pi$   
 Amplitude: 1



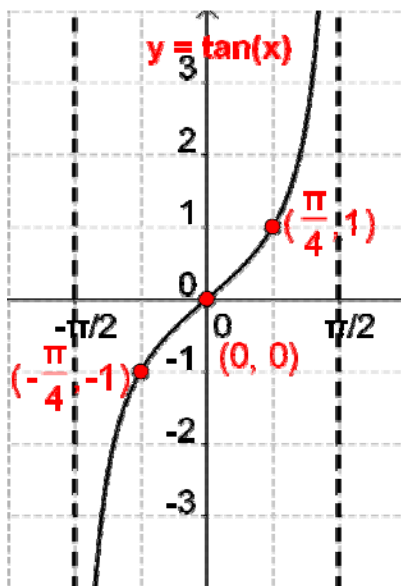
Domain: All real numbers  
 Range:  $[-1, 1]$   
 Period:  $2\pi$   
 Amplitude: 1



Domain: All real numbers except  $x = k\pi$   
 Range:  $(-\infty, -1] \cup [1, \infty)$   
 Period:  $2\pi$   
 Amplitude: Not defined  
 Asymptotes:  $x = k\pi$



Domain: All real numbers except  $x = \frac{\pi}{2} + k\pi$   
 Range:  $(-\infty, -1] \cup [1, \infty)$   
 Period:  $2\pi$   
 Amplitude: Not defined  
 Asymptotes:  $x = \frac{\pi}{2} + k\pi$



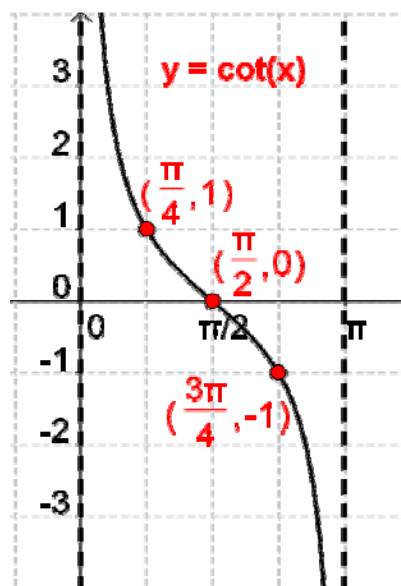
Domain: All real numbers except  $x = \frac{\pi}{2} + k\pi$

Range: All real numbers

Period:  $\pi$

Amplitude: Not defined

Asymptotes:  $x = \frac{\pi}{2} + k\pi$



Domain: All real numbers except  $x = k\pi$

Range: All real numbers

Period:  $\pi$

Amplitude: Not defined

Asymptotes:  $x = k\pi$