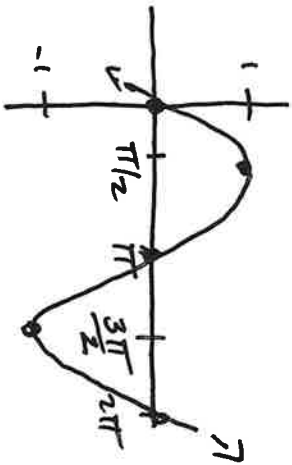


$$y = a \sin bx$$

$$y = \sin x$$



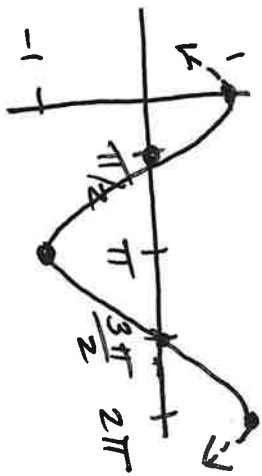
x	y
0	0
$\pi/2$	1
π	0
$3\pi/2$	-1
2π	0

Amplitude = $|a|$

Period = $\frac{2\pi}{|b|}$

$$y = a \cos bx$$

$$y = \cos x$$

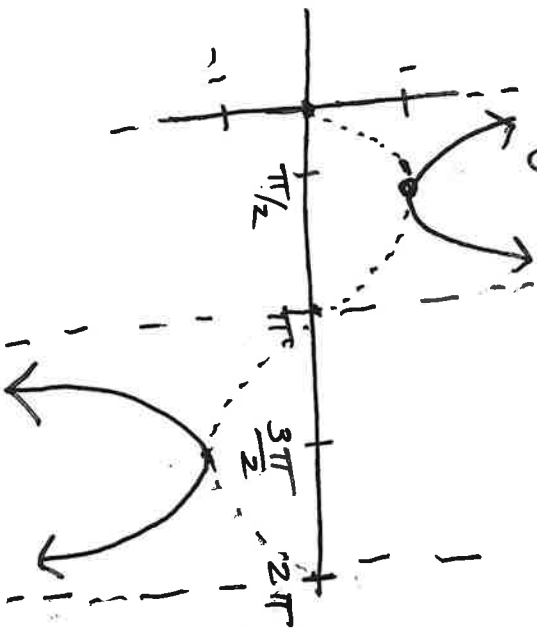


x	y
0	1
$\pi/2$	0
π	-1
$3\pi/2$	0
2π	1

Amplitude = $|a|$

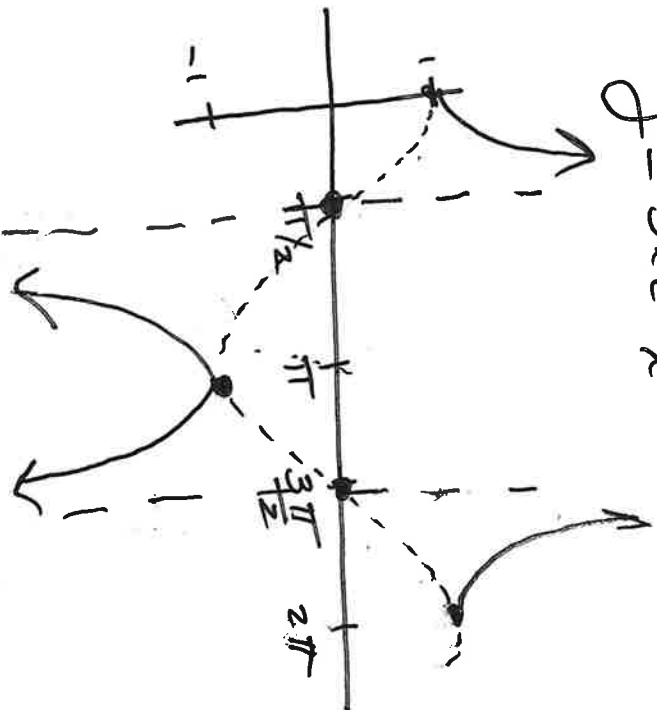
Period = $\frac{2\pi}{|b|}$

$$y = \csc x$$



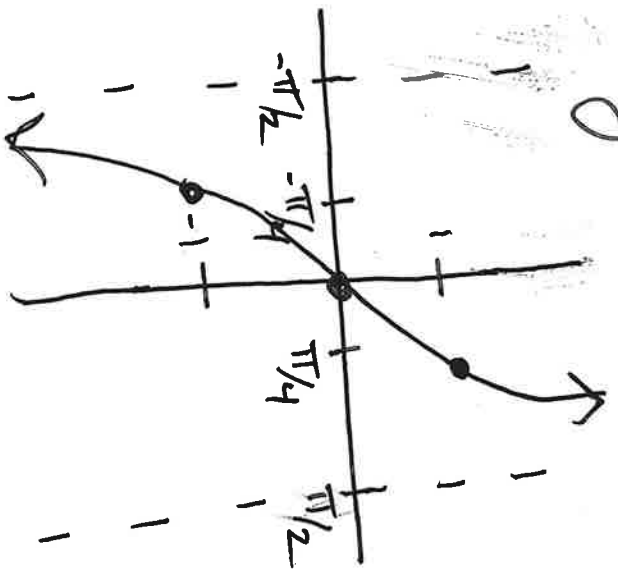
Period = 2π

$$y = \sec x$$



Period = 2π

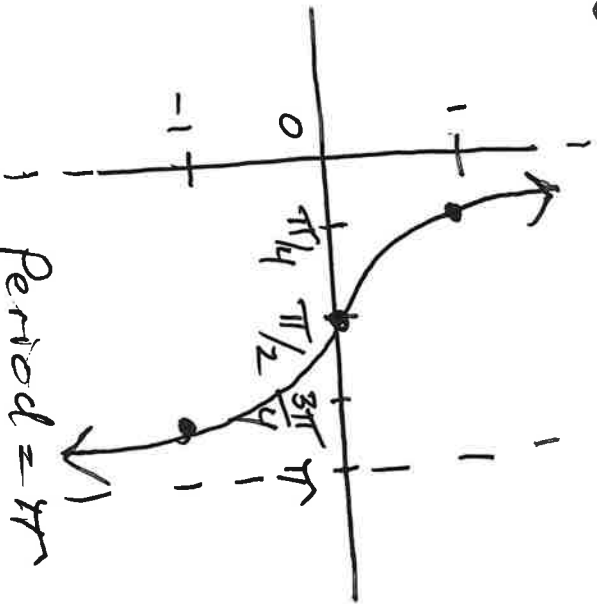
$$y = \tan x$$



Period = π

x	y
$-\pi/2$	undefined
$-\pi/4$	-1
0	0
$\pi/4$	1
$\pi/2$	undefined

$$y = \cot x$$



Period = π

x	y
0	undefined
$\pi/4$	1
$\pi/2$	0
$3\pi/4$	-1
π	undefined