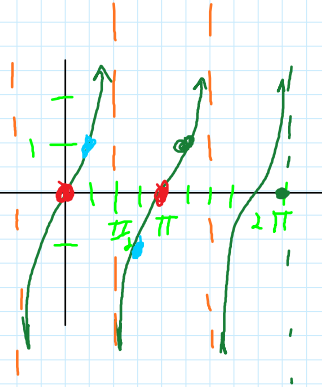
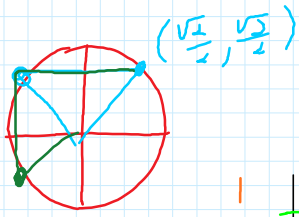


<https://www.desmos.com/calculator/cz6oiqjfvz?mobile=true>

	sinθ	cosθ	tanθ
0	0	1	$\frac{0}{1} = 0$
$\pi/2$	1	0	$\frac{1}{0} = \text{und}$
π	0	-1	$\frac{0}{-1} = 0$
$3\pi/2$	-1	0	$\frac{-1}{0} = \text{und}$
2π	0	1	0

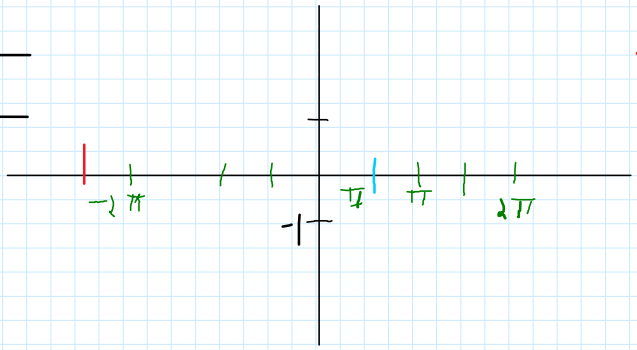


$$\tan \frac{3\pi}{4} = \frac{\sqrt{2}}{-\sqrt{2}} = -1 \quad \tan \frac{5\pi}{4} = \frac{-\sqrt{2}}{-\sqrt{2}} = 1$$

$$\tan \frac{\pi}{4} = \frac{\sin \frac{\pi}{4}}{\cos \frac{\pi}{4}} = \frac{\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = 1$$

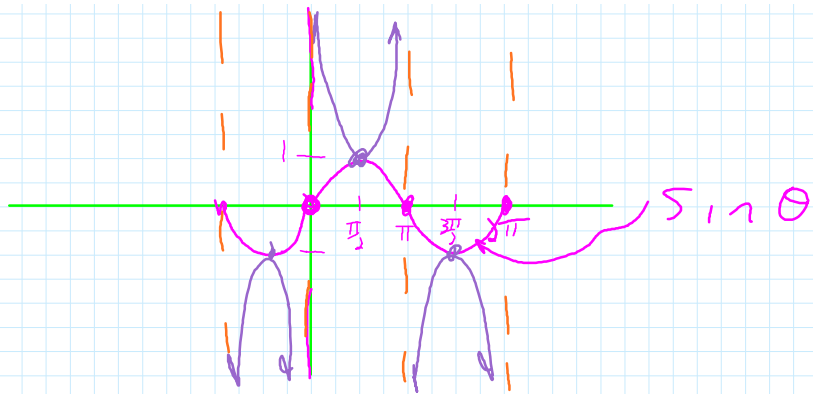
	sinθ	cosθ	tanθ	Sec θ
0	0	1		
$\pi/2$	1	0		
π	0	-1		
$3\pi/2$	-1	0		
2π	0	1		

■ cos θ
■ sec θ



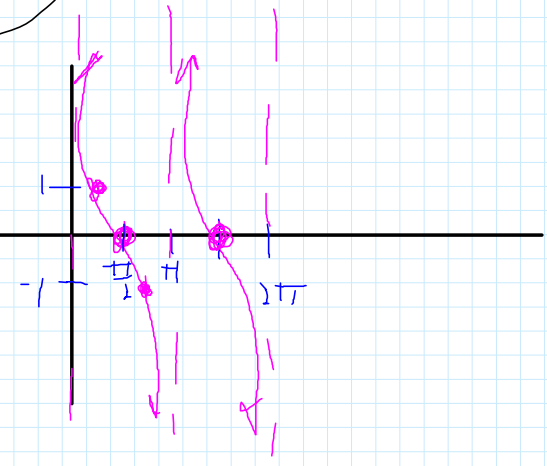
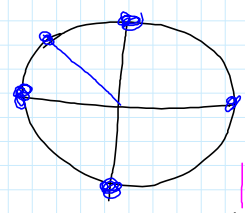
Graph Sec θ

csc θ



$\sin \theta$ *

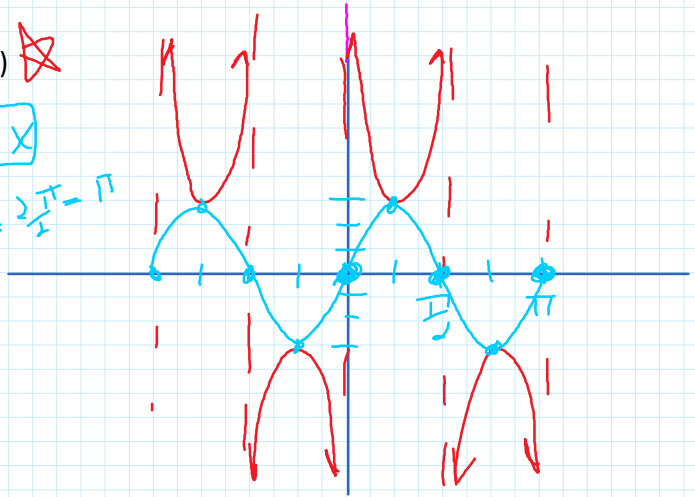
Rad	$\sin \theta$	$\cos \theta$	$\cot \theta = \frac{\cos \theta}{\sin \theta}$
0	0	1	$\frac{1}{0} = \text{und}$
$\frac{\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1
$\frac{\pi}{2}$	1	0	0
$\frac{3\pi}{4}$	$\frac{\sqrt{2}}{2}$	$-\frac{\sqrt{2}}{2}$	-1
π	0	-1	und
$\frac{3\pi}{2}$	-1	0	0
2π	0	1	und



Graph $y = 3\csc(2x)$ *

$3 \sin(x)$

$T = \frac{2\pi}{b} = \frac{2\pi}{2} = \pi$



$$17) y = -\frac{1}{3} \sec x$$

$$|_0 -\frac{1}{3} \cos x$$

