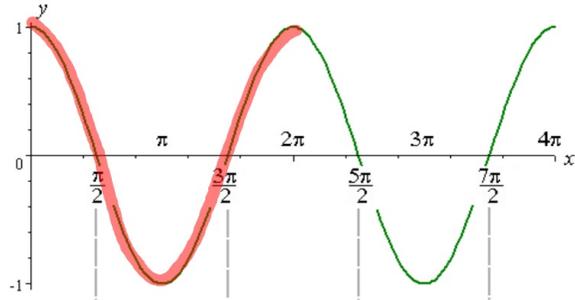


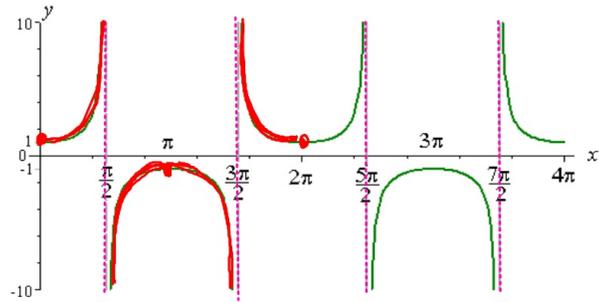
Graphs of Reciprocal Functions

trig. std. 4.0

$$y = \cos x$$



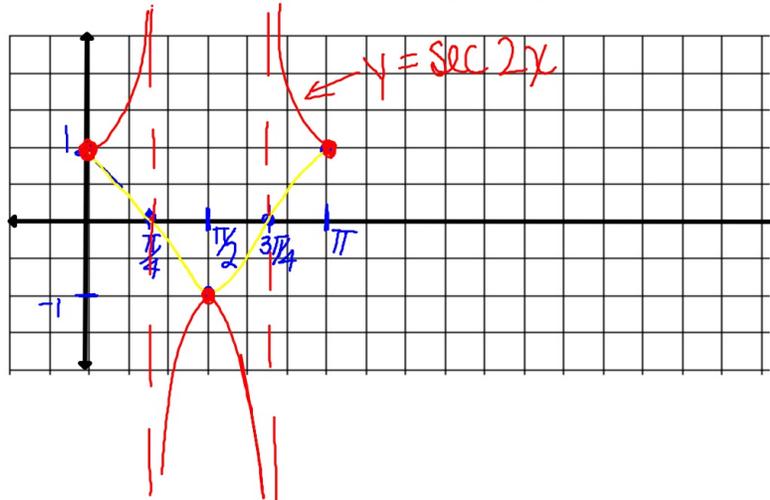
$$y = \sec x$$



ex. 1

$$y = \sec 2x$$

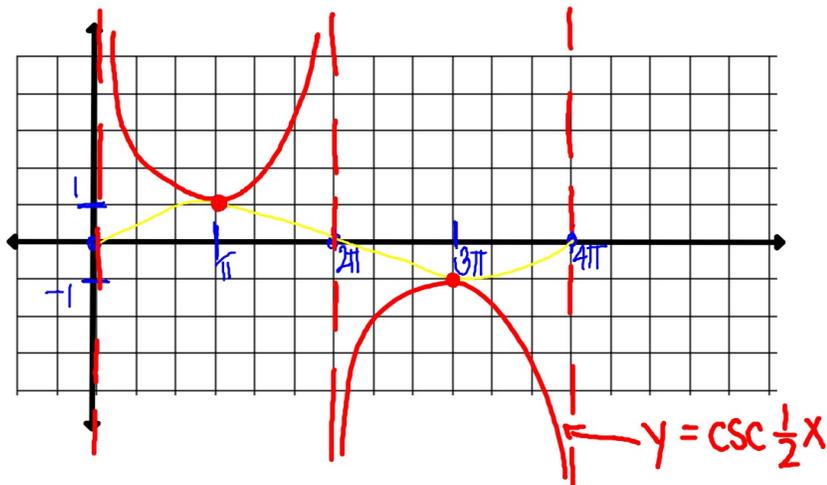
$$y = \frac{1}{\cos 2x} \leftarrow \text{per } \pi, \text{ amp} = 1$$



ex. 2

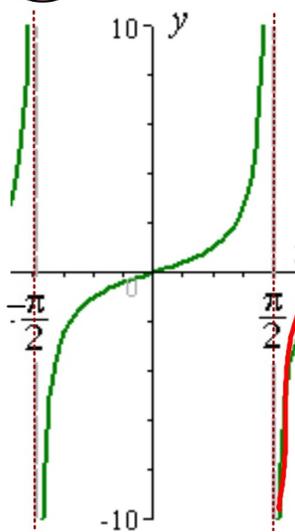
$$y = \csc \frac{1}{2}x$$

$$\left(= \frac{1}{\sin \frac{1}{2}x} \rightarrow \text{amp} = 1, \text{per} = 4\pi \right)$$

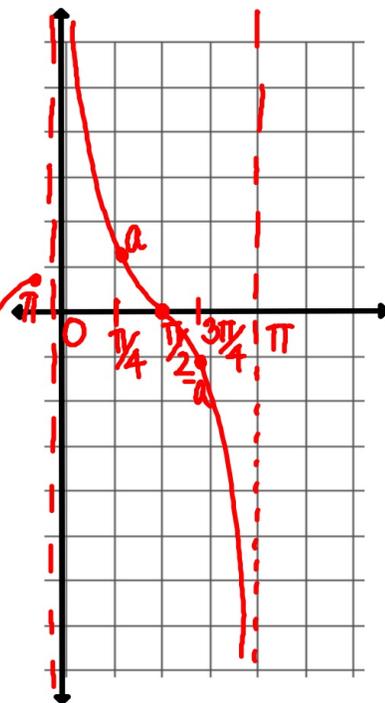


ex. 3

$$y = \tan x$$



$$y = \cot x \quad \text{per } \pi$$



$$y = \cot 2x \quad \text{per } \frac{\pi}{2}$$

