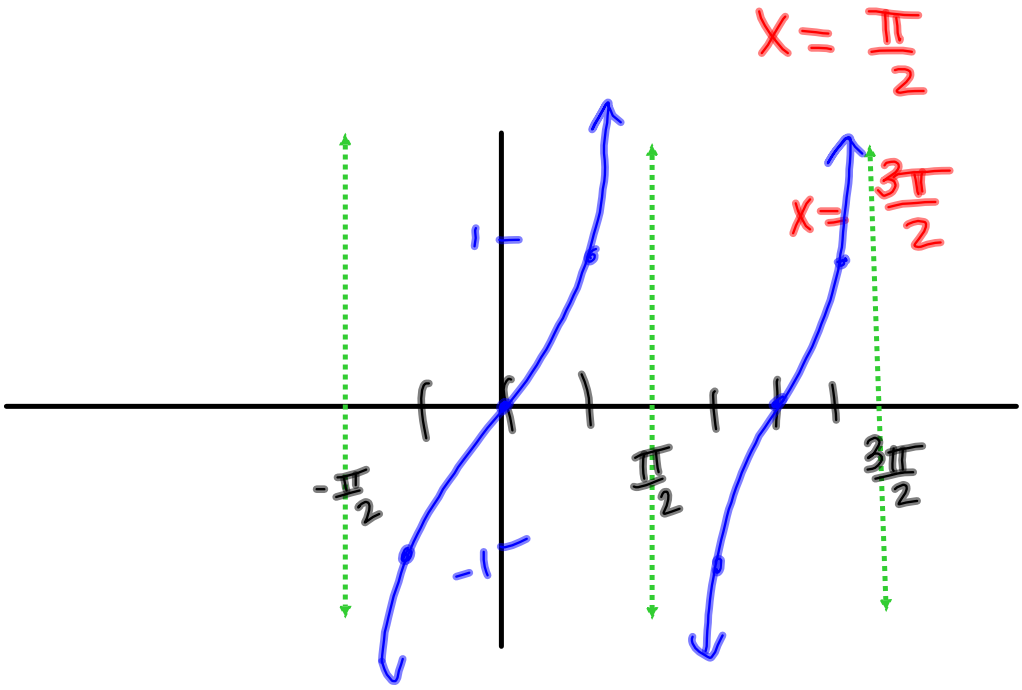
6.5 Graphs of other Trig. Functions

20 mgs
Warheads
Military
fuel
MISSILE
Larson

Ex 1 Sketch the graph of y = tan x.



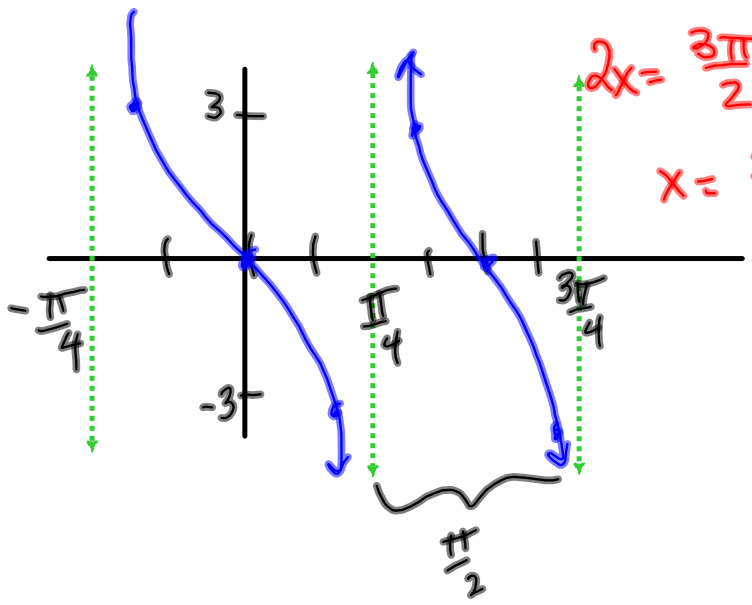
$y = -3 \tan 2x$

$2x = \frac{\pi}{2}$

$x = \frac{\pi}{4}$

$2x = \frac{3\pi}{2}$

$x = \frac{3\pi}{4}$



Normal

asym

neg

zero

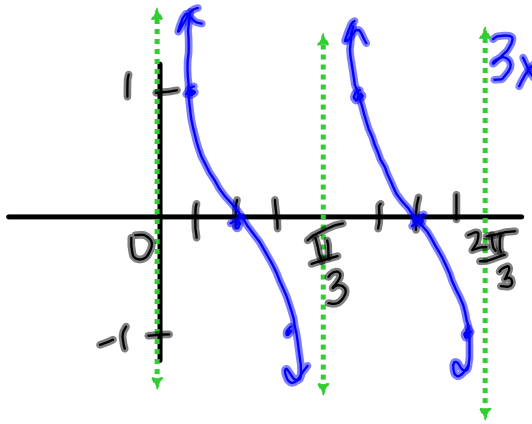
pos

asymp

Cot 3x

$3x = 0$

$x = 0$

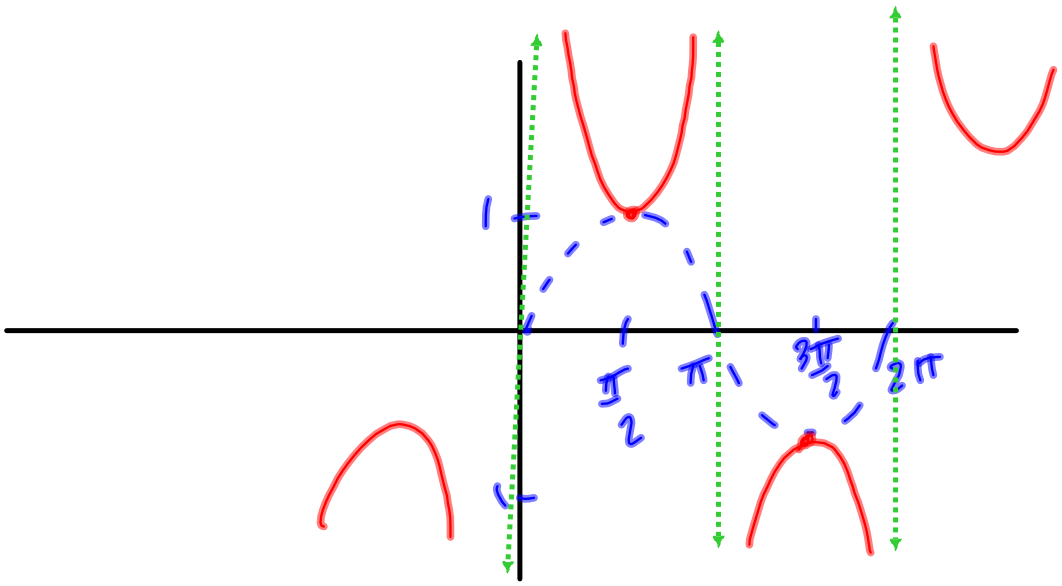


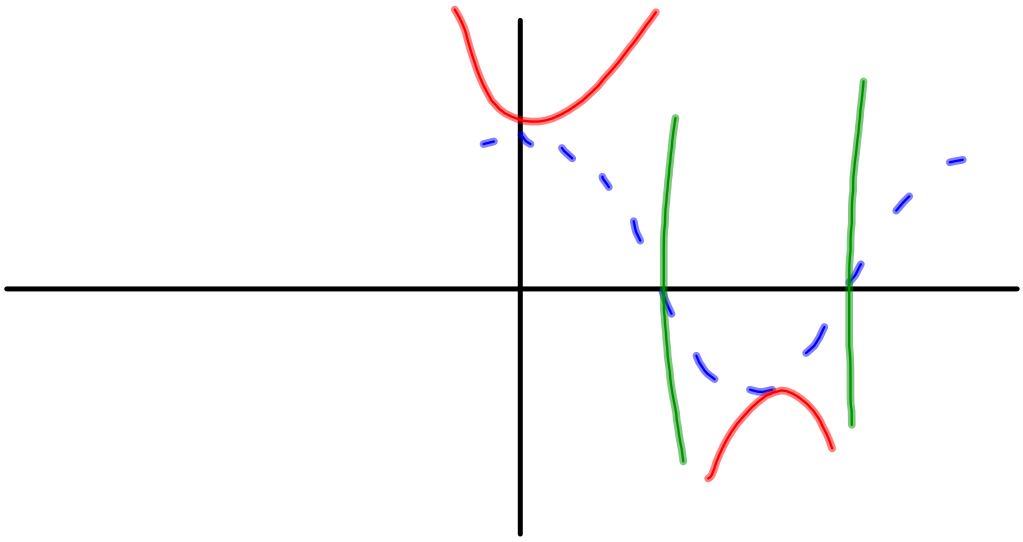
$3x = \pi$

$x = \frac{\pi}{3}$

Ex 3 Sketch the graph of y = csc x

$y = \sin x$



Ex 4 Sketch the graph of $y = \frac{1}{2}\sec 2x$

$\frac{1}{2}\cos 2x$