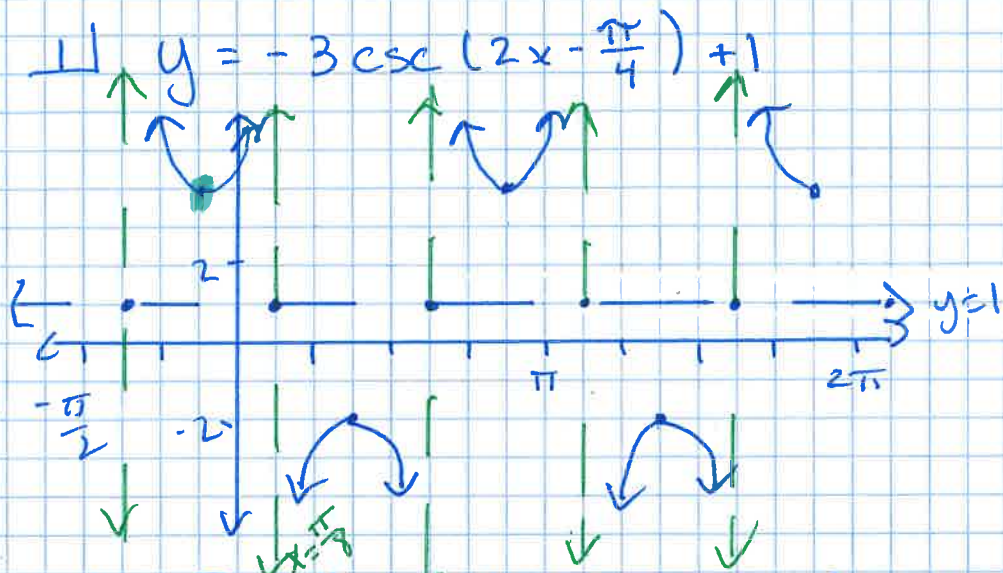


1/10/2020

Warm Up



amp: 3

$$PS = 2x - \frac{\pi}{4} = 0$$

$$2x = \frac{\pi}{4}$$

$$x = \frac{\pi}{8}$$

right

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

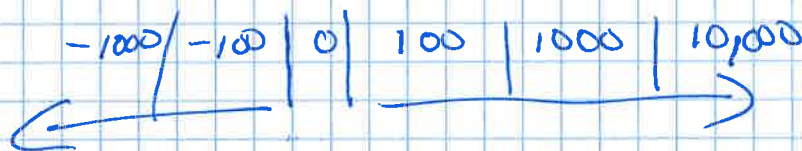
$$cros: -\frac{\pi}{4}$$

vs. up 1

2] Find the end behavior in limit notation

of $f(x) = \frac{4x^3 - 2x^2 + 1}{7x^3 - 8x - 9}$ $\cdot m = n$ $\frac{a_m}{a_n}$

$$\lim_{x \rightarrow \pm\infty} f(x) = \frac{4}{7}$$



y+] write an equation for the warm-up in terms of $\sec x$

$$sl: (-\frac{\pi}{8})$$

$$PS = -\frac{c}{b}$$

$$-2 \left(-\frac{\pi}{8}\right) = \left(\frac{-c}{2}\right) - 2$$

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

$$y = 3 \sec(2x + \frac{\pi}{4}) + 1$$