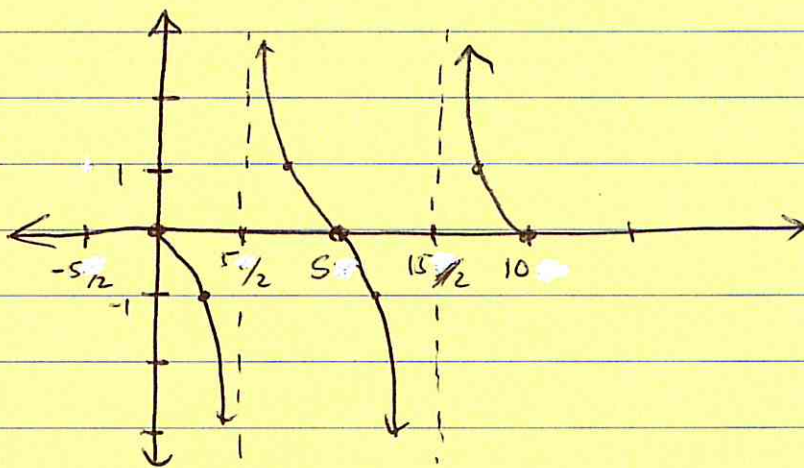


7.

$$y = -\tan \frac{\pi}{5} x$$

x	y	$\frac{\pi}{5} x$	$-y$
0	0	0	0
$\pi/2$	undef	$5/2$	undef
π	0	5	0
$3\pi/2$	undef	$15/2$	undef
2π	0	10	0
$\pi/4$	1	$5/4$	-1



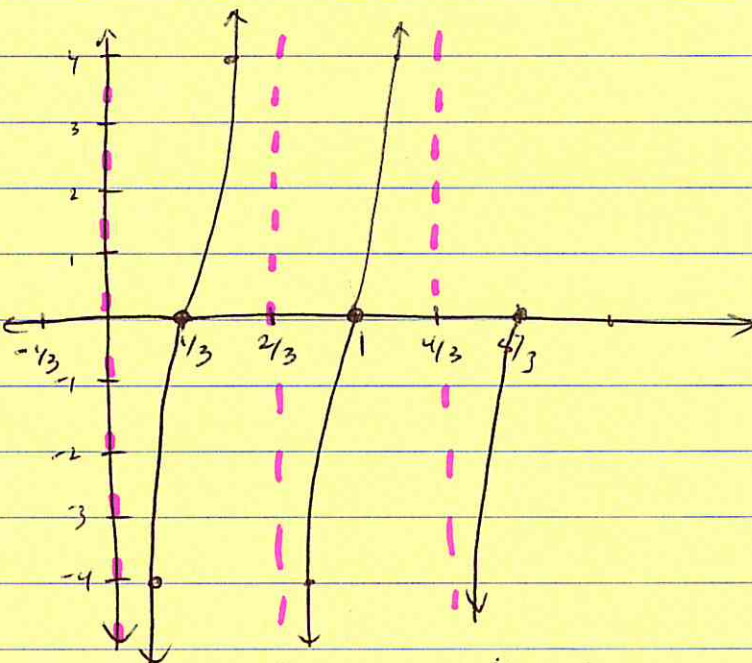
Asymptotes: $x = \frac{5}{2} + 5n$ zeros: $x = 5n$

Domain: $x \neq \frac{5}{2} + 5n$ Range: $(-\infty, \infty)$

Dropped * 8.
x on
worksheet,
sorry!

$$y = -4 \cot \frac{3\pi}{2} x$$

x	y	$\frac{2}{3\pi} x$	-4
0	undef	0	-4
$\pi/2$	0	0	undef
π	undef	$1/3$	0
$3\pi/2$	0	$2/3$	undef
2π	undef	1	0
$\pi/4$	1	$4/3$	undef
		$1/6$	-4



Asymptotes: $x = \frac{2n}{3}$

zeros: $x = \frac{1}{3} + \frac{2}{3}n$

Domain: $x \neq \frac{2n}{3}$

Range: $(-\infty, \infty)$