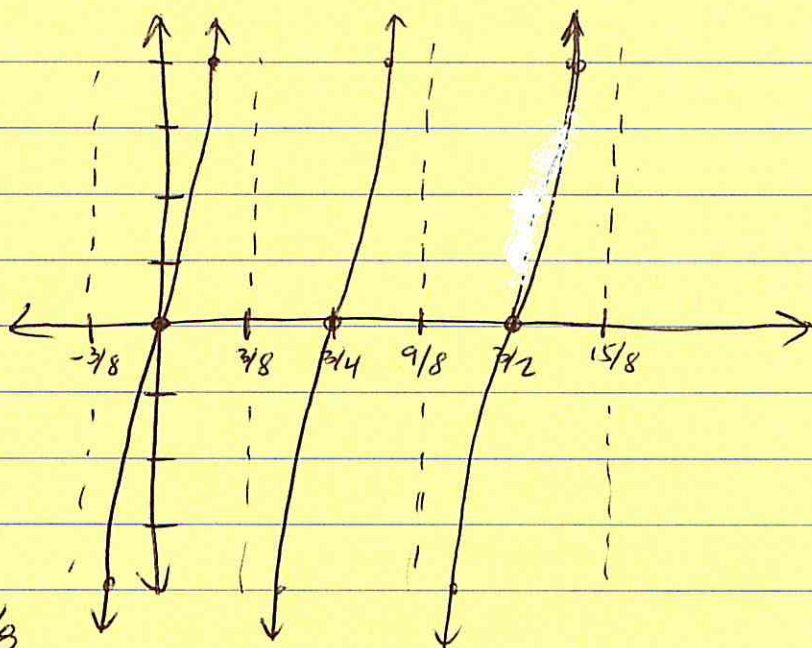


3. $y = 4 \tan \frac{4\pi}{3} x$

x	y	$\frac{3}{4\pi} x$	4y
0	0	0	0
$\pi/2$	undef	$3/8$	undef
π	0	$3/4$	0
$3\pi/2$	undef	$9/8$	undef
2π	0	$3/2$	0
$5\pi/4$	1	$3/16$	4



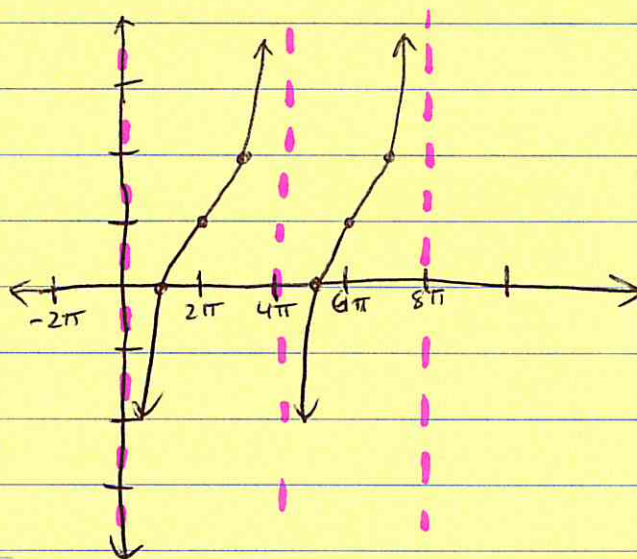
Zeros: $x = \frac{3}{4} n$

asymptotes: $x = (2n+1) \frac{3}{8}$

Domain $x \neq \frac{3}{8}(2n+1)$ Range $(-\infty, \infty)$

4. $y = -\cot \frac{x}{4} + 1$

x	y	4x	-y	x	y+1
0	undef	0	undef	0	undef
$\pi/2$	0	2π	0	2π	1
π	undef	4π	undef	4π	undef
$3\pi/2$	0	6π	0	6π	1
2π	undef	8π	undef	8π	undef
$5\pi/4$	1	π	-1	π	0



asymptotes: $x = 4n\pi$

zeros: $x = \pi + 4n\pi$

Domain $x \neq 4n\pi$
Range $(-\infty, \infty)$