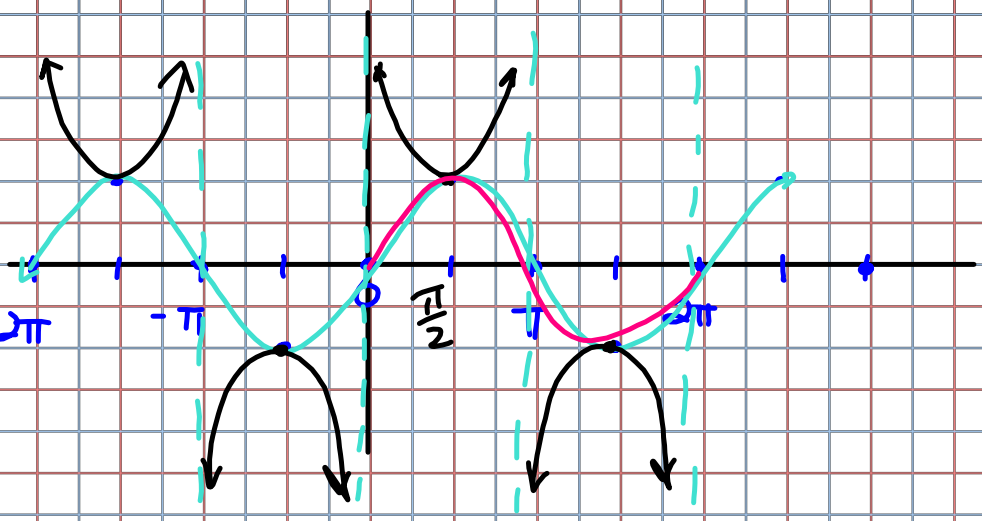
$y = 2\csc\theta$

$y = 2\sin\theta$

amp: 2

per: 2π $\frac{2\pi}{b}$

QP: $\frac{\pi}{2}$



$\frac{2\pi}{4} \to \frac{\pi}{2}$

$y = a\sin b\theta$

$y = \frac{1}{3}\csc\frac{1}{3}\theta$

amp 1

per $\frac{2\pi}{\frac{1}{3}}$

per: 6π

QP: $\frac{6\pi}{4}$ or $\frac{3}{2}\pi$

$\sin\theta = 0$

$\csc\theta = \frac{1}{0}$ undef.

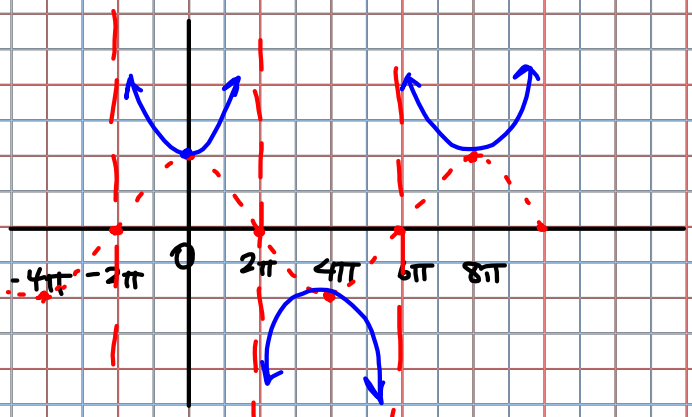
$y = 2\sec\frac{1}{4}\theta$ (cos)

amp: 2

per $\frac{2\pi}{\frac{1}{4}}$

per 8π

QP: 2π



$y = 5\csc 3\theta$

amp 5

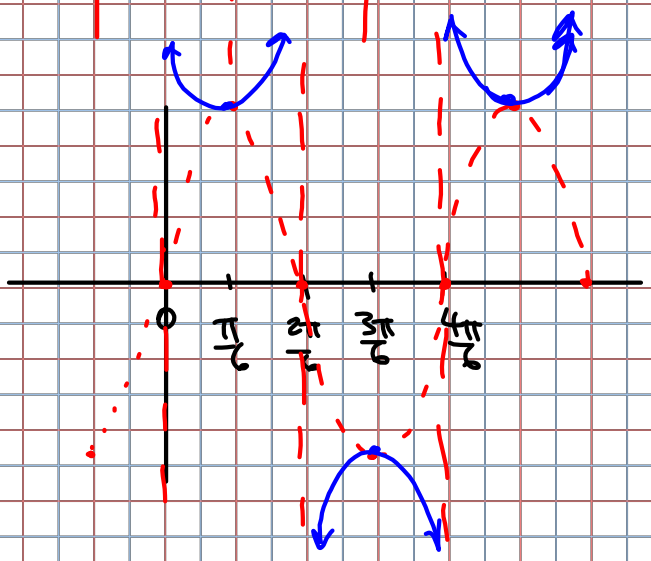
per $\frac{2\pi}{3}$ $b=3$

QP: $\frac{\frac{2\pi}{3}}{4}$ $\frac{1}{4}$

$\frac{\pi}{6}$

$\frac{2\pi}{12}$

$\pi/6$



$y = 8\sec\frac{1}{3}\theta$

amp 1

per 6π

QP $\frac{6\pi}{4}$ OR $\frac{3\pi}{2}$

$y = \frac{1}{2}\sec 2\theta$

amp: 1/2

per: 2pi/2= pi

qp: pi/4