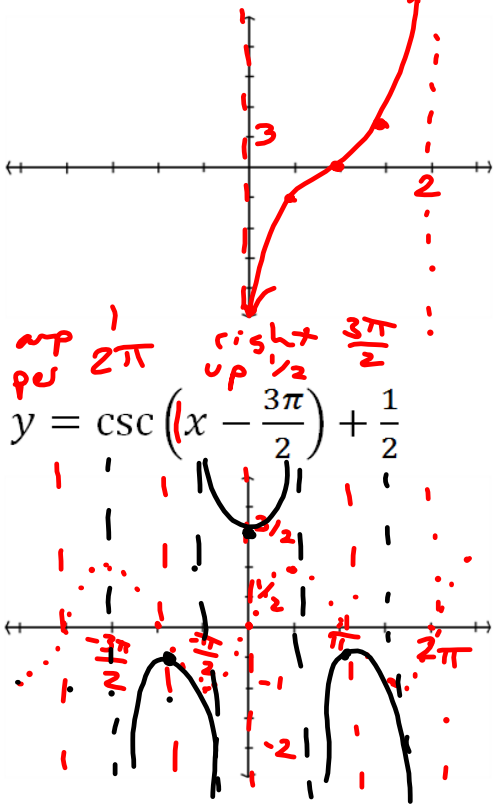
$y = -3\cot\frac{\pi}{2}x$




cosine, amplitude $\frac{1}{2}$, period $\frac{2\pi}{2}$, shifted down 2

$y = \frac{1}{2}\cos(2x) - 2$

$y = \frac{1}{2}\cos 2x - 2$

$y = \csc\left(x - \frac{3\pi}{2}\right) + \frac{1}{2}$



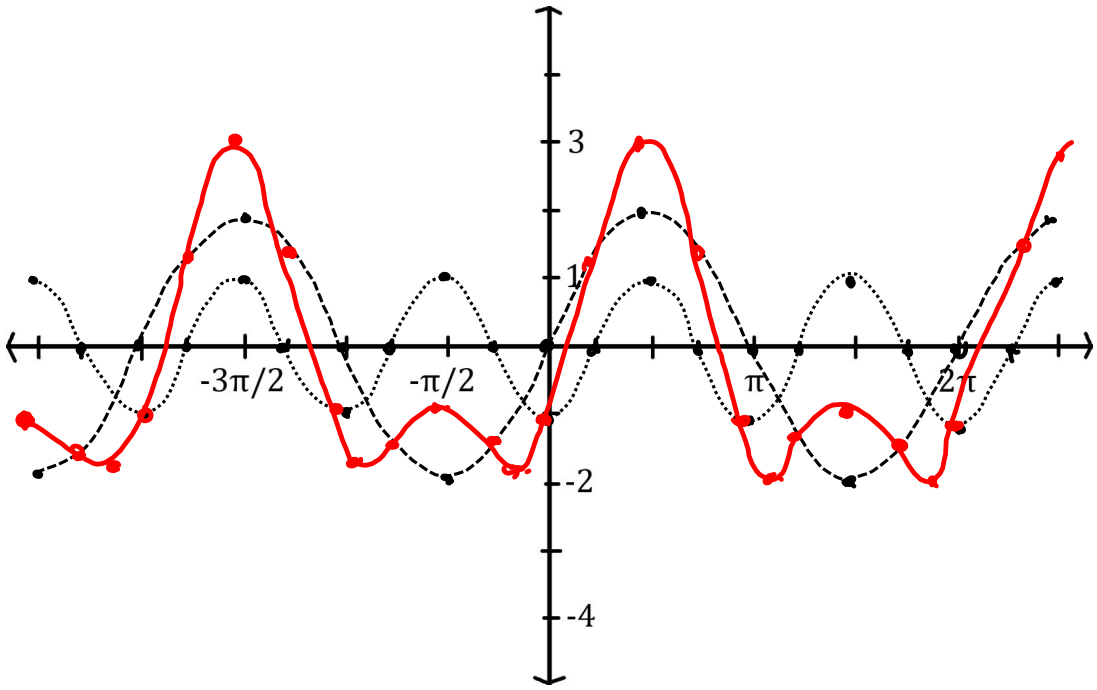

tangent, "amplitude" 3, period $\pi$, phase shift $-\frac{\pi}{2}$ (left $\frac{\pi}{2}$), shifted up 1

$y = 3\tan\left(x + \frac{\pi}{2}\right) + 1$

secant, "amplitude" $\pi$, flipped vertically, period 6, shifted down $2\pi$

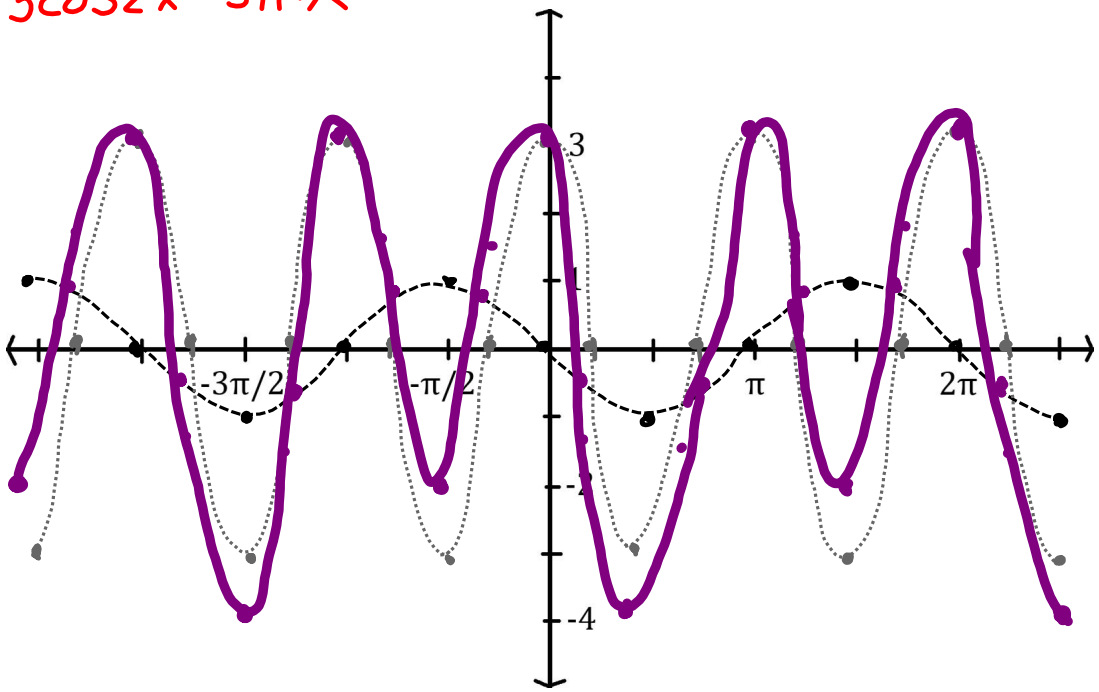
$y = -\pi\sec\left(\frac{\pi}{3}x\right) - 2\pi$

$y = 2\sin x - \cos 2x$

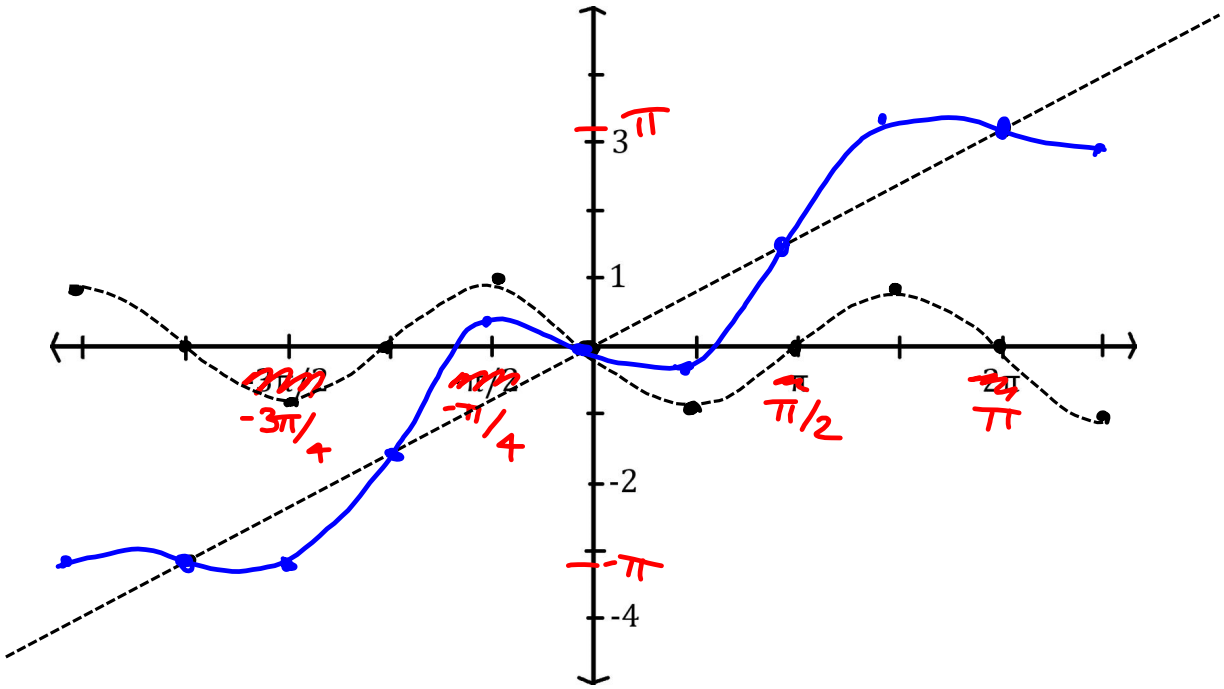


~~$y = 3\cos x - 2\sin x$~~

$y = 3\cos 2x - \sin x$




$y = x - \sin 2x$



## Homework #5 (due WEDNESDAY, 09/10)

- Graphing practice problem handout (#1-12)
- Ch 5 Review (pp. 467-468) #1-55 odd

## Test #2 - Wednesday 09/10