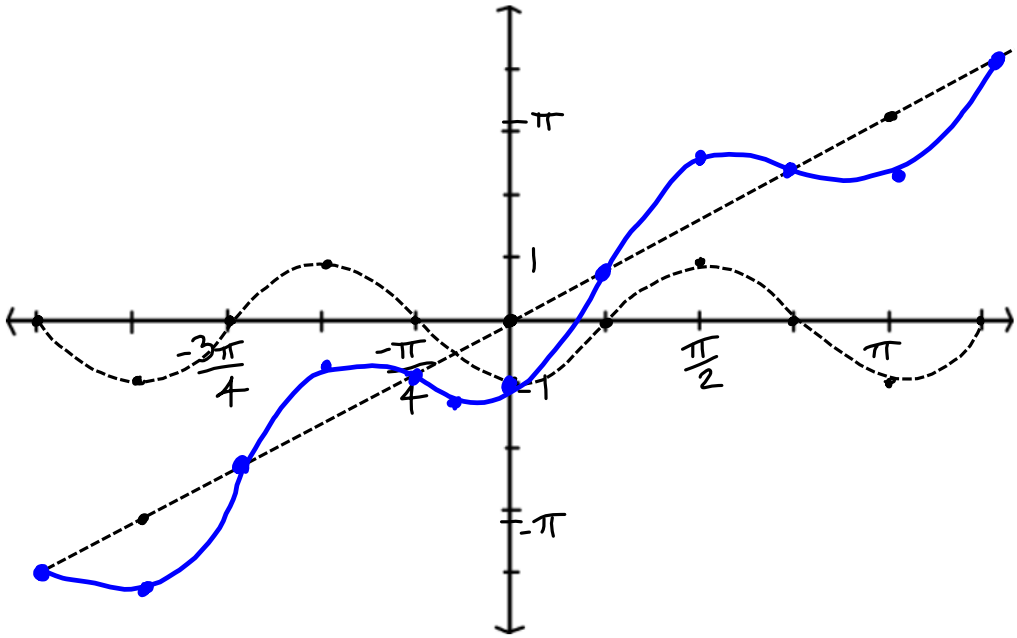
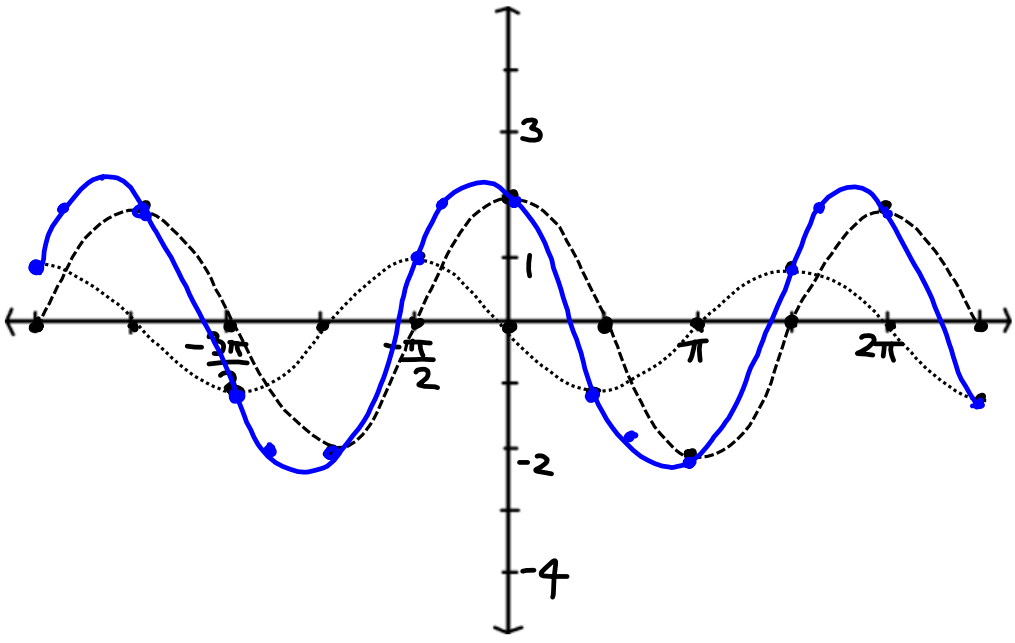
$$y = x - \cos 2x$$

amp 1
per π



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

amp 2 amp 1
per 2π per 2π



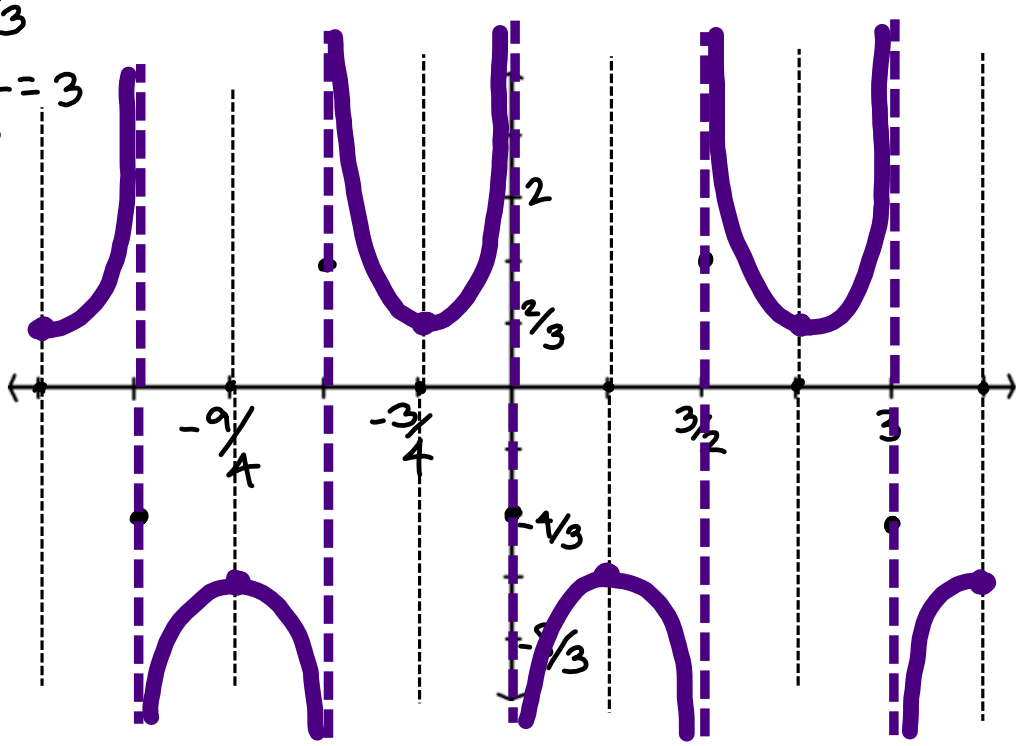
$$y = -\frac{4}{3}\sec\left(\frac{2\pi}{3}x + \frac{3\pi}{2}\right) - \frac{2}{3}$$

amp: $4/3$

per: $\frac{2\pi}{2\pi/3} = 3$

h. shift: left $\frac{3\pi}{2} \div \frac{2\pi}{3} = \frac{9}{4}$

V. shift: down $\frac{2}{3}$



Test #2 - Friday, 12/13

HW #5 Due Friday:

- Handout Graphs #49-60
  (http://www.asms.net/brewer/trig/trig-graphingworksheets.pdf)
- Test 2 "Practice Problems" (handout)
  (http://www.asms.net/brewer/trig/trig-test2reviewproblems.pdf)