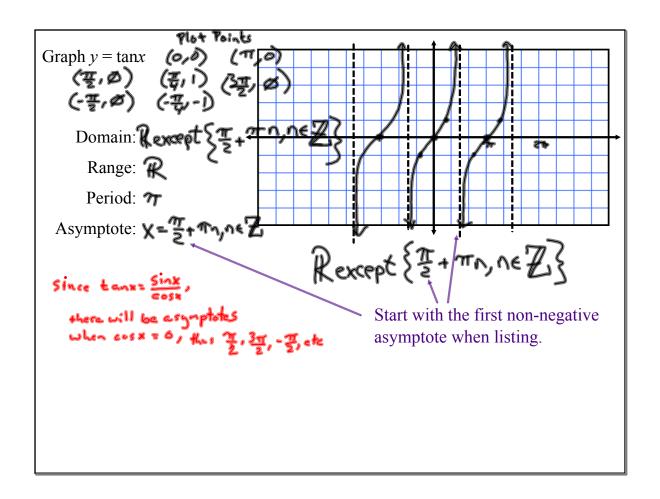
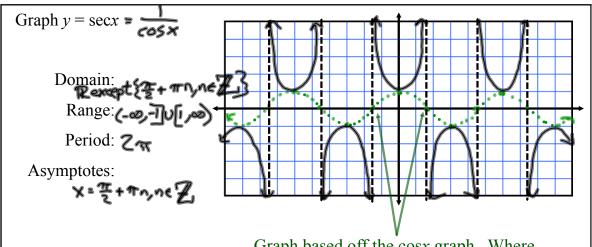
Advanced Math

4-6

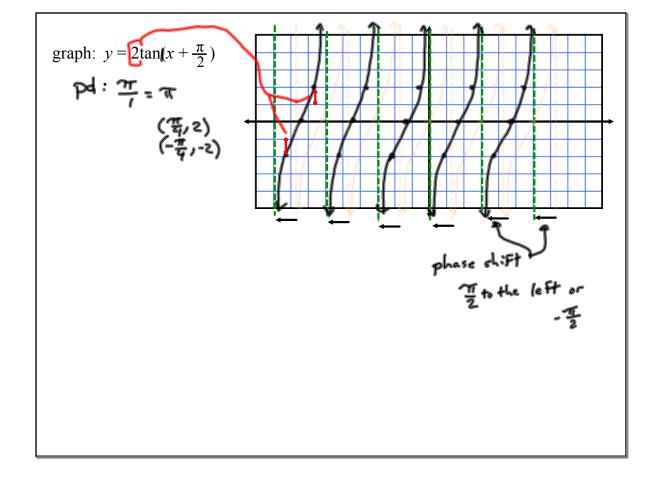
(Day 1)

Graphs of Tangent and Secant Functions





Graph based off the $\cos x$ graph. Where $\cos x = 0$ there will be asymptotes in the $\sec x$.



Assignment:

Graph each of the following.

$$1) f(x) = 6\sin\left(\frac{\pi x}{5}\right) + 1$$

2)
$$g(x) = -2\cos\left(\frac{1}{2}x + \frac{\pi}{2}\right)$$

3)
$$h(x) = \tan x$$

$$4) f(x) = -3\sin\left(3x - \frac{\pi}{2}\right)$$

$$5) f(x) = \tan\left(\frac{1}{2}x + \frac{\pi}{6}\right)$$

$$6) f(x) = 2\sec x$$