

GRAPHING TRIG FUNCTIONS REVIEW

1) Amp = only $\sin x + \cos x$ have amplitude
 Use NA for all other trig functions. Amplitude is always positive!!!!

Period = $\frac{2\pi}{b}$ $\sin x, \cos x, \sec x, \csc x$

$\frac{\pi}{b}$ $\tan x, \cot x$

$\frac{2\pi}{\frac{2}{3}}$ $\frac{2\sqrt{7}}{12}$

2) 3 graphs

$\sin x$ or $\cos x$

$\sec x$ or $\csc x$

$\tan x$ or $\cot x$

3) Writing eq of graph
 3 problems

4-6) 1 Application

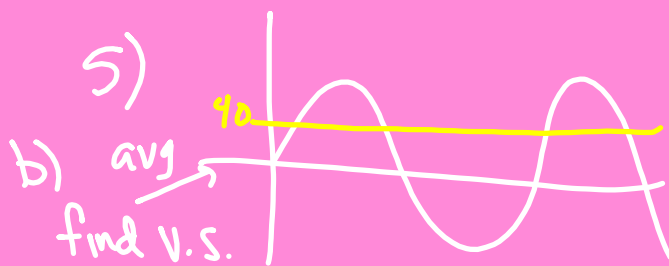
7) 1 Regression

pts or extra credit?

Applications

4) a) Find period.

b) IF 12 sec. $\frac{60}{12}$



c) $f_1 = 2g \left(\frac{40}{x^2} \right)$
 $f_2 = 40$
 intersection

6)

