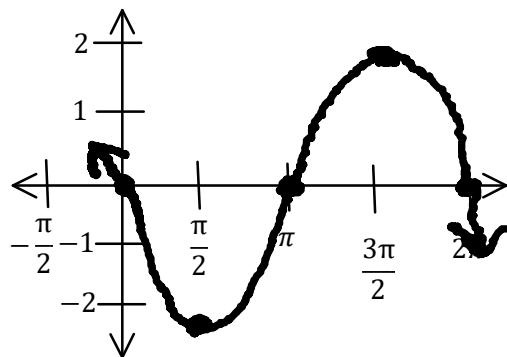
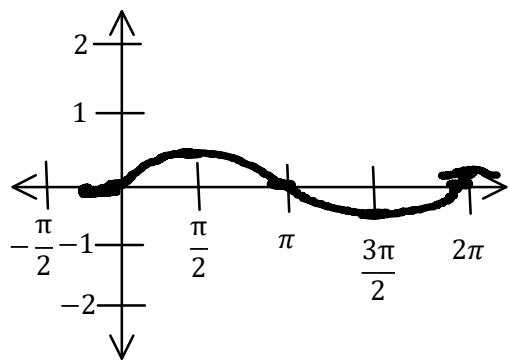
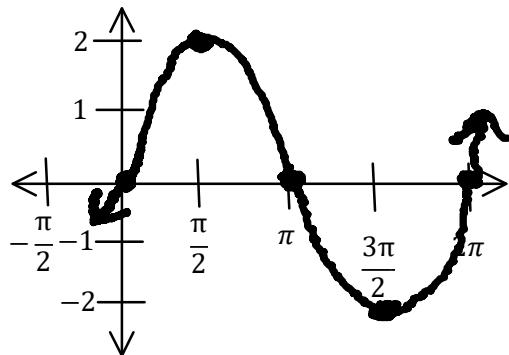
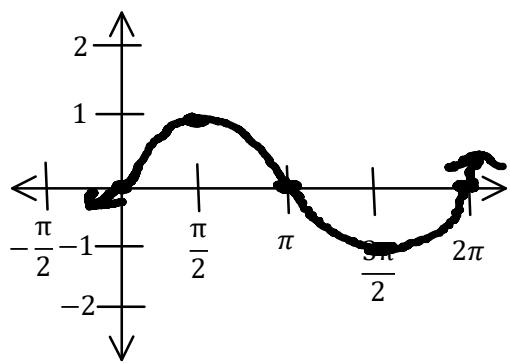
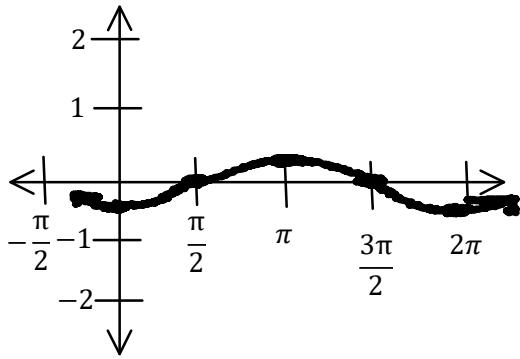
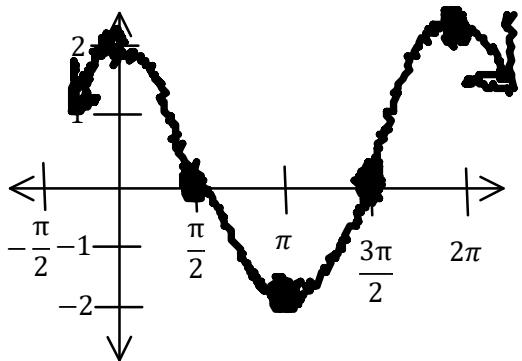
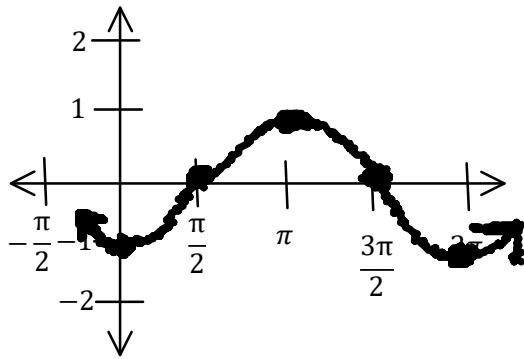
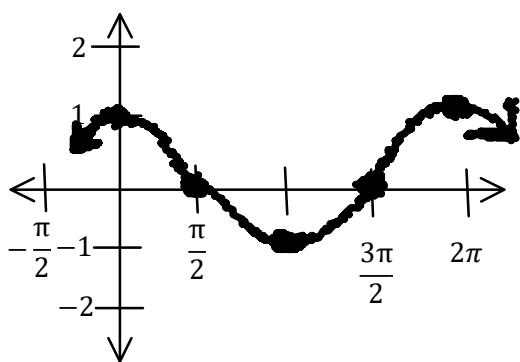


## C12 - 5.2 - "a" Find Equation WS

Determine a, and the equation  $y = a \sin x$

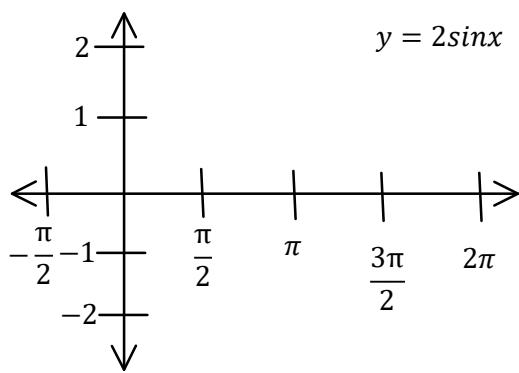


Determine a, and the equation  $y = a \cos x$

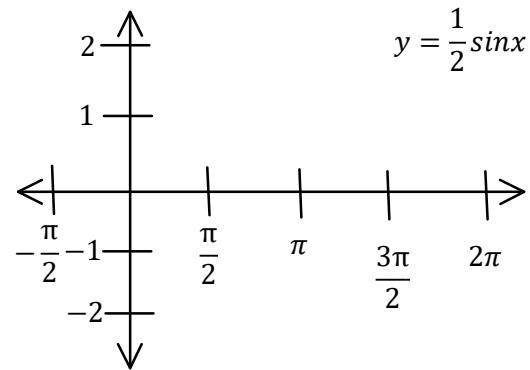


## C12 - 5.2 - "a" Graphing WS

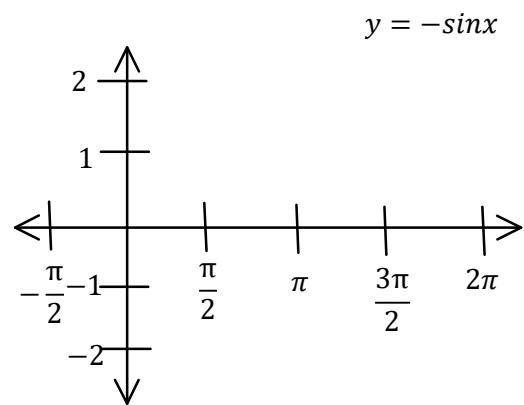
Determine a, and graph the equation  $y = a \sin x$



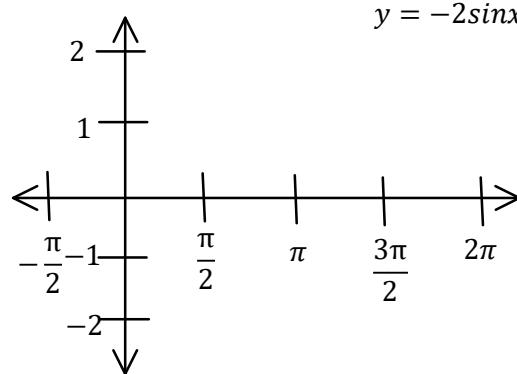
$$y = 2 \sin x$$



$$y = \frac{1}{2} \sin x$$

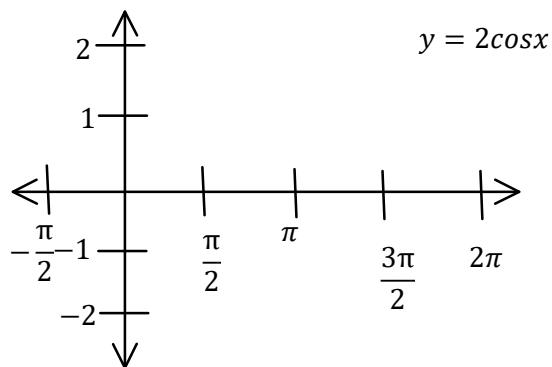


$$y = -\sin x$$

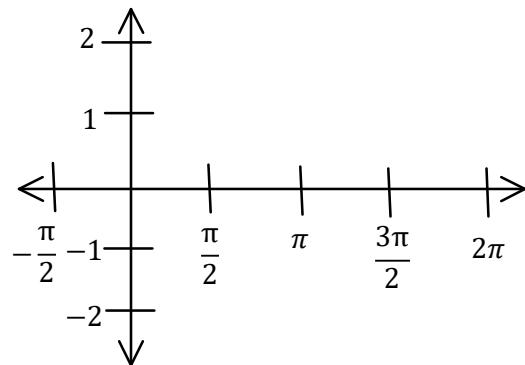


$$y = -2 \sin x$$

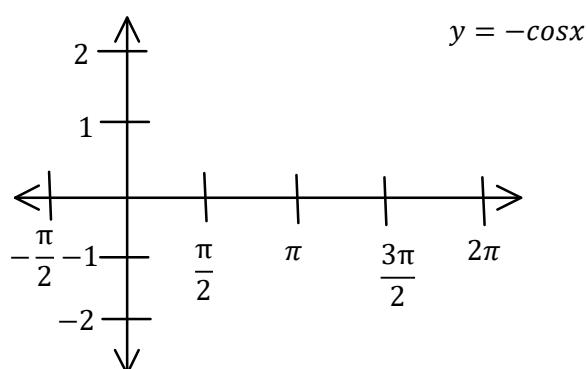
Determine a, and graph the equation  $y = a \cos x$



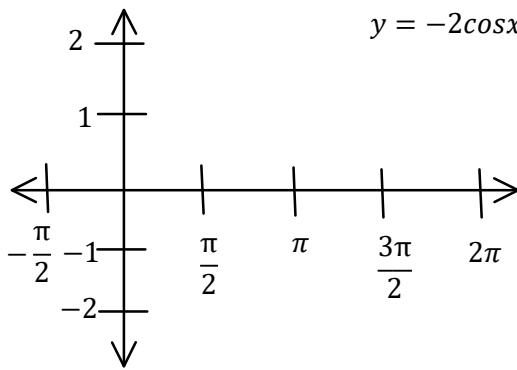
$$y = 2 \cos x$$



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



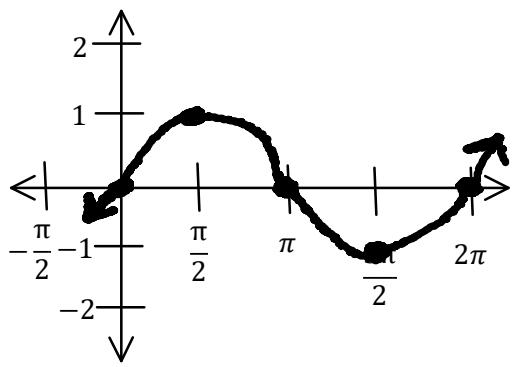
$$y = -\cos x$$



$$y = -2 \cos x$$

## C12 - 5.2 - "b" Find Equation WS

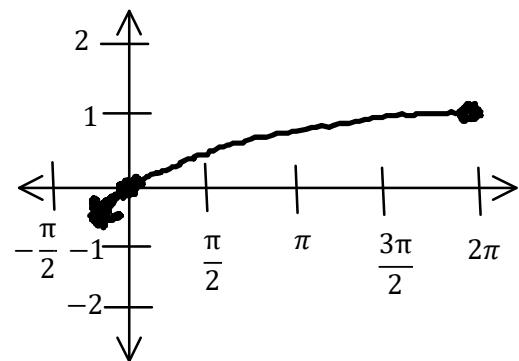
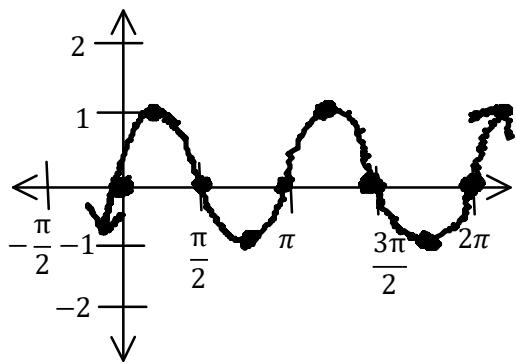
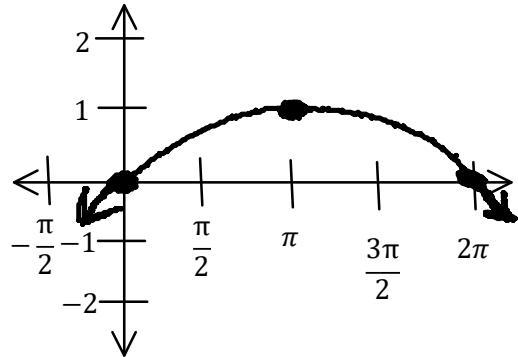
Determine b, and the equation  $y = \sin bx$



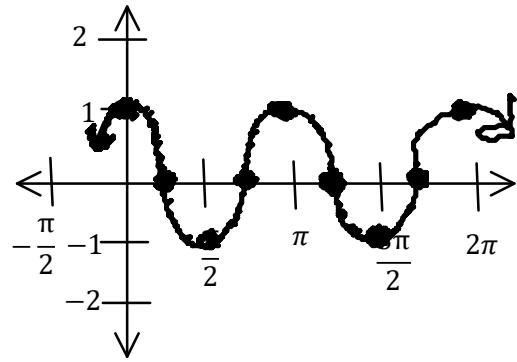
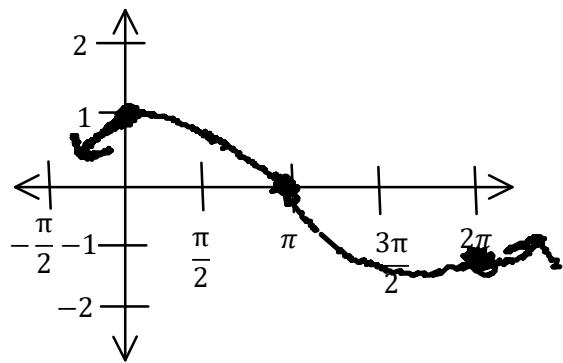
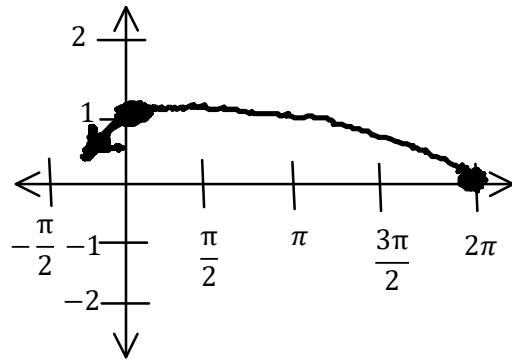
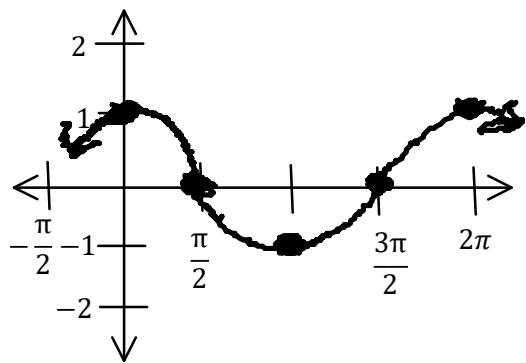
$$p = \frac{2\pi}{b}$$

$$b = \frac{2\pi}{p}$$

$$b =$$

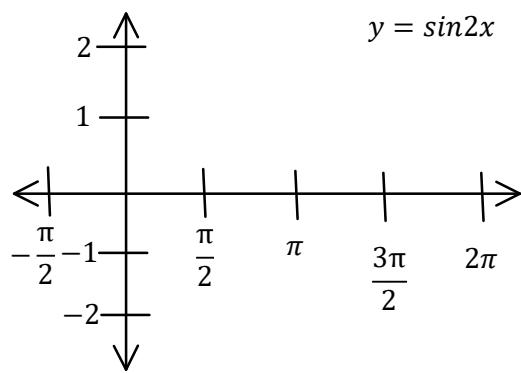


Determine b, and the equation  $y = \cos bx$



## C12 - 5.2 - "b" Graphing WS

Determine b, and graph the equation  $y = \sin bx$

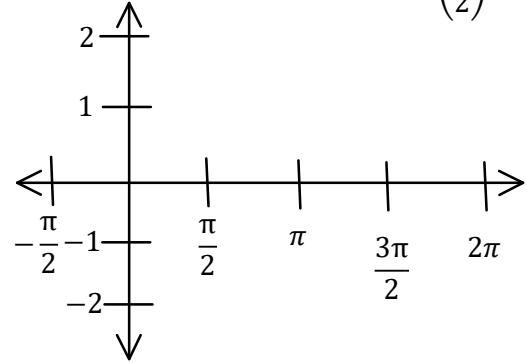


$$y = \sin 2x$$

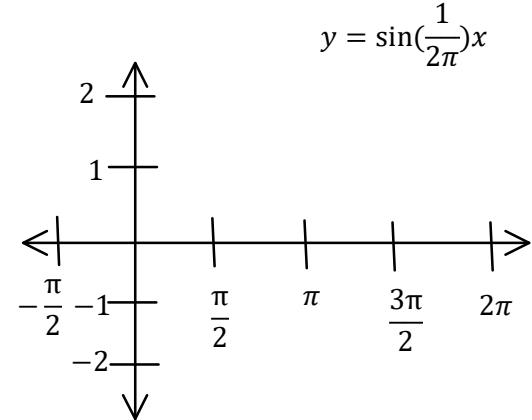
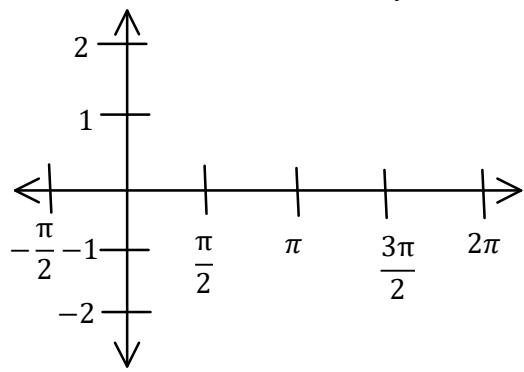
$$p = \frac{2\pi}{b}$$

$$p =$$

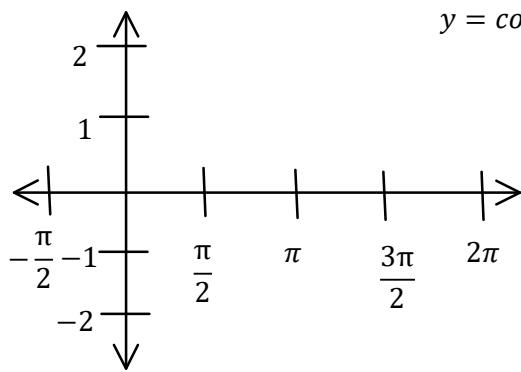
$$y = \sin\left(\frac{1}{2}\right)x$$



$$y = \sin 3x$$

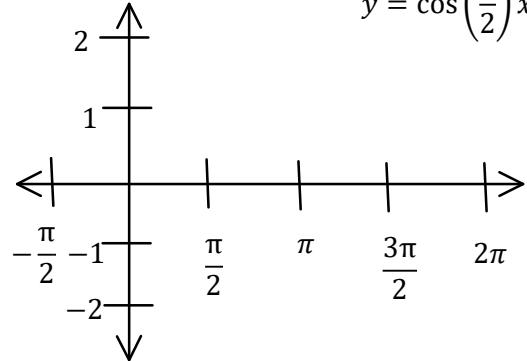


Determine b, and graph the equation  $y = \cos bx$



$$y = \cos 2x$$

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



$$y = \cos 3x$$

