

## Graphing Sin/Cos Functions W.S. - 60

1) Graph the following functions.

a)  $y = \sin(2x)$

b)  $y = \cos(2x)$

c)  $y = 2 \sin(2x)$

d)  $y = -\cos(2x)$

e)  $y = \sin(x/2)$

f)  $y = \cos(x/2)$

2) Graph the following functions.

a)  $y + 1 = \sin(x/2)$

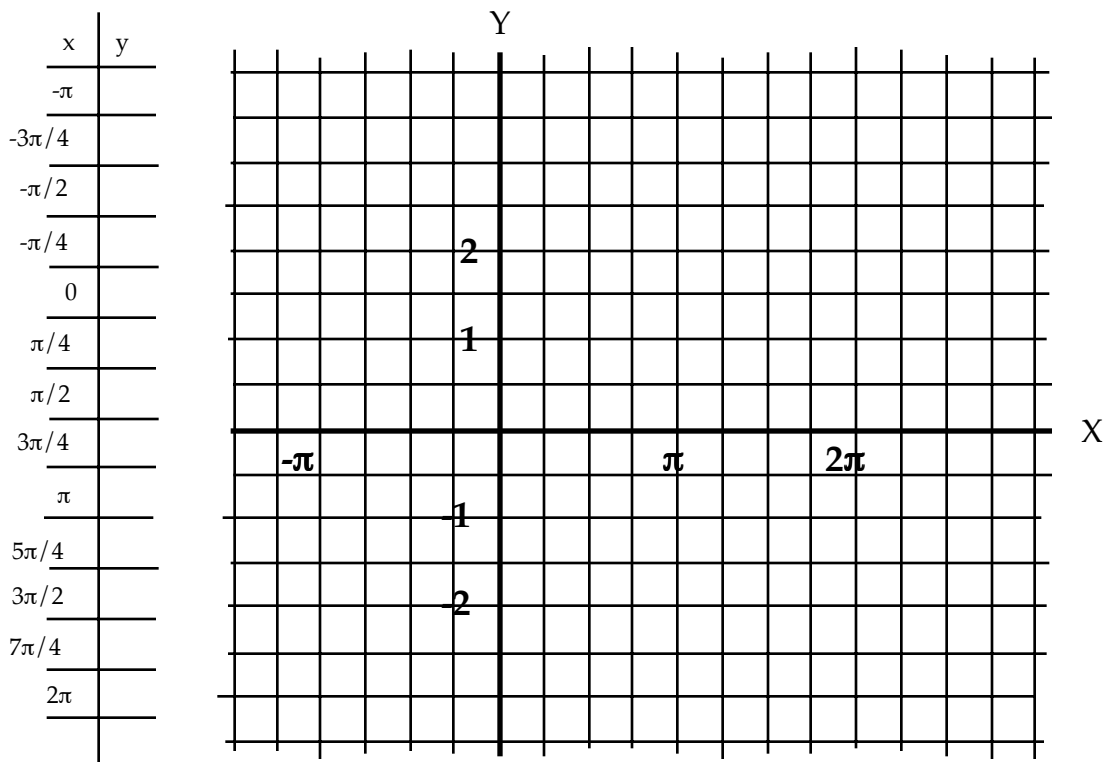
b)  $y - 1 = \cos(2x)$

c)  $y + 1 = 2 \sin(x/2)$

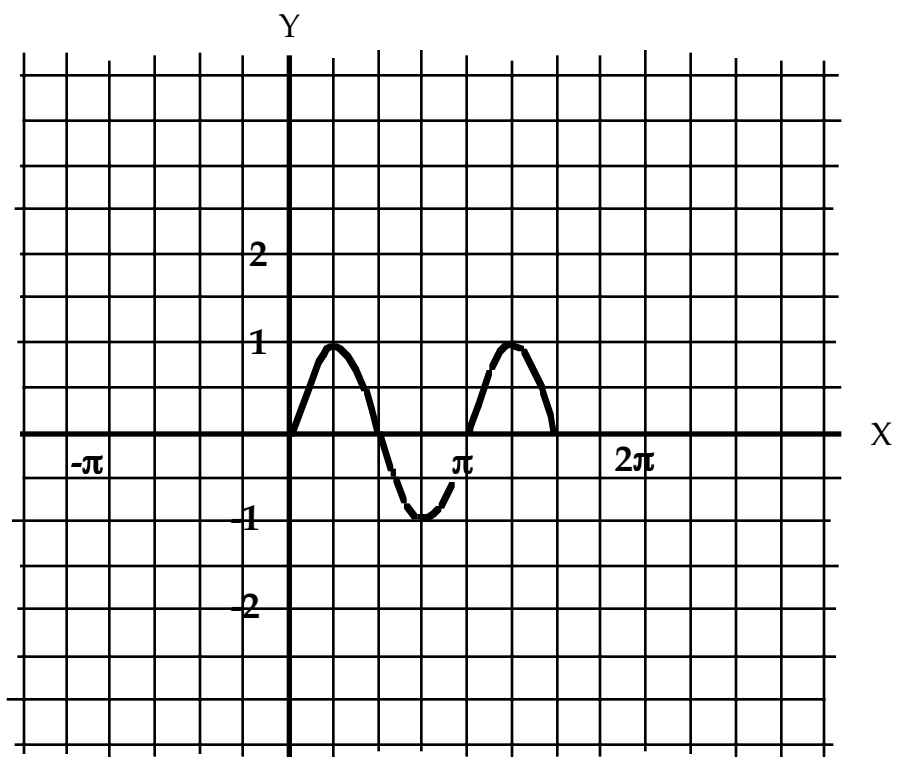
d)  $y - 1 = -\cos(2x)$

e)  $y = \sin(2(x - \pi/4))$

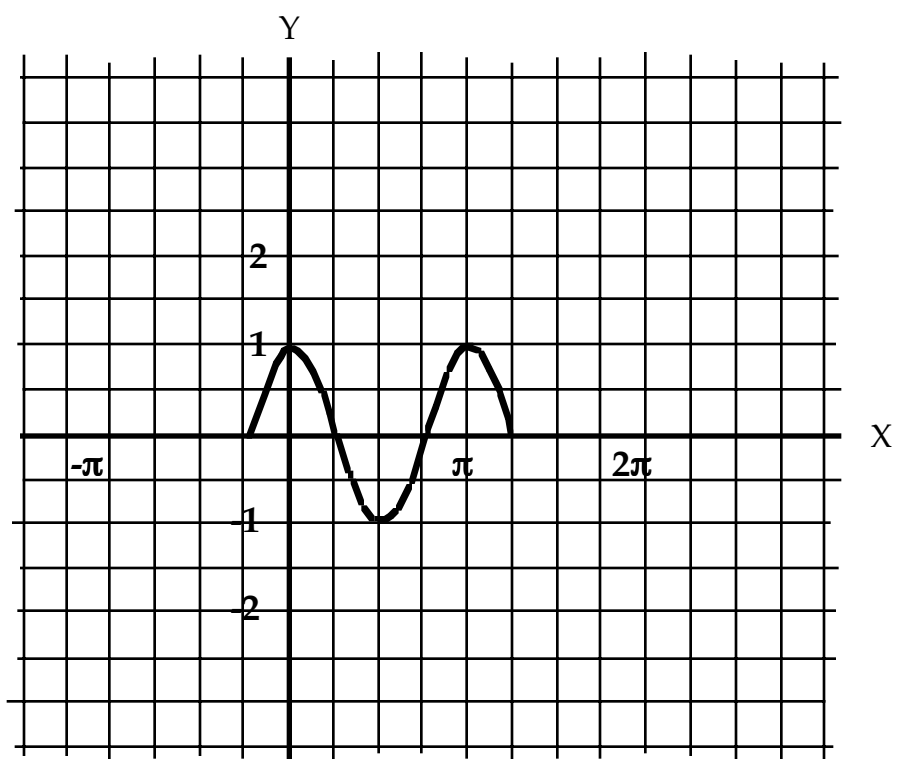
f)  $y = \cos((x + \pi)/2)$



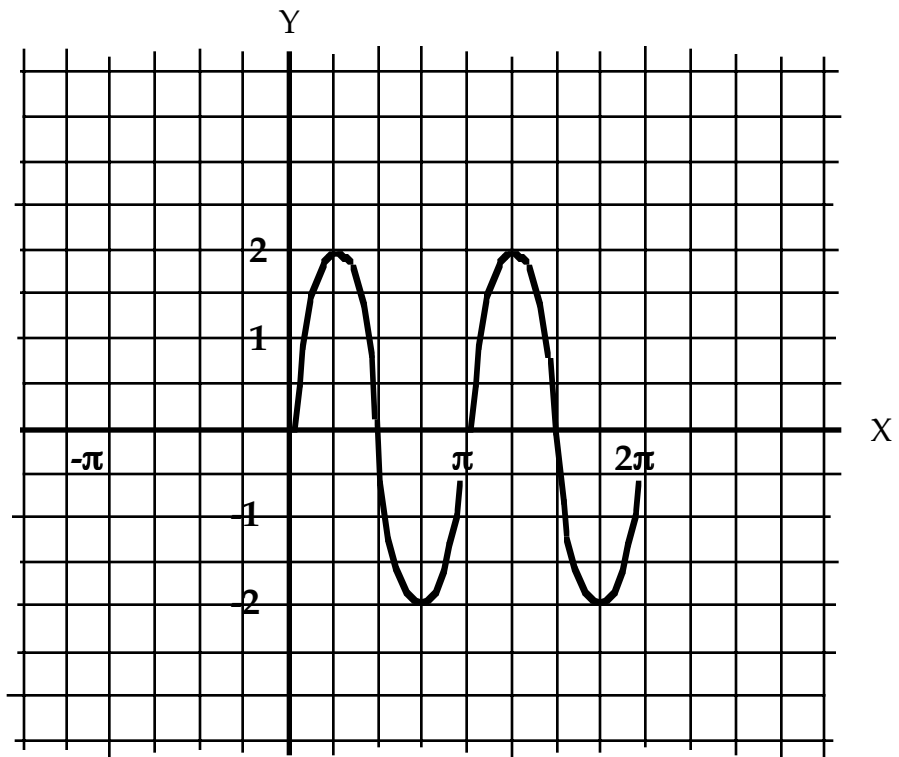
Answers: 1)a)



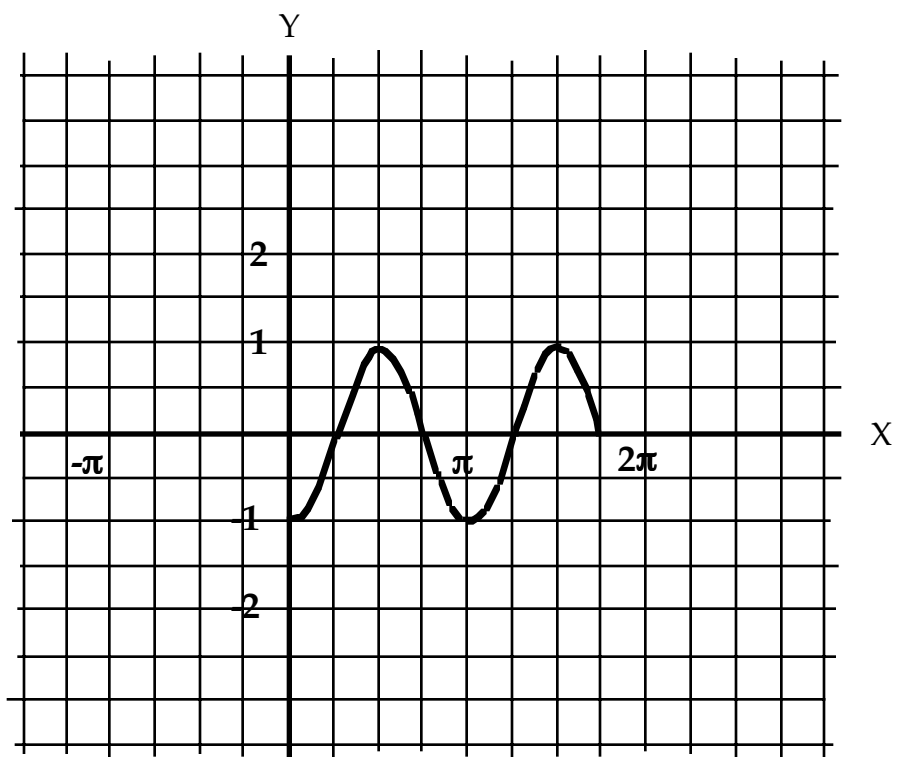
b)



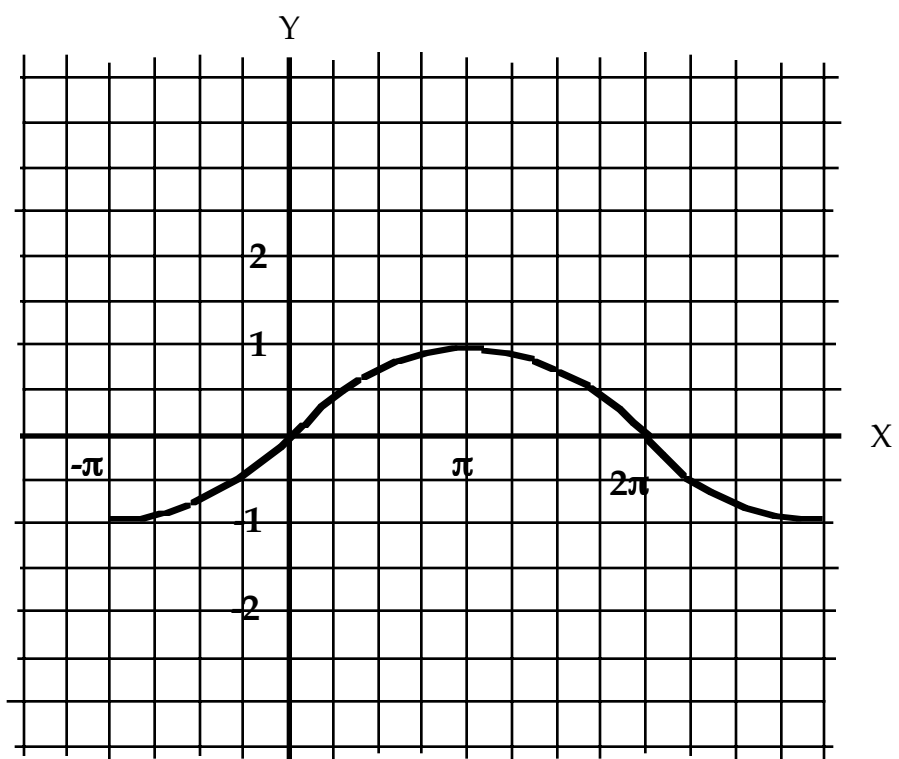
c)



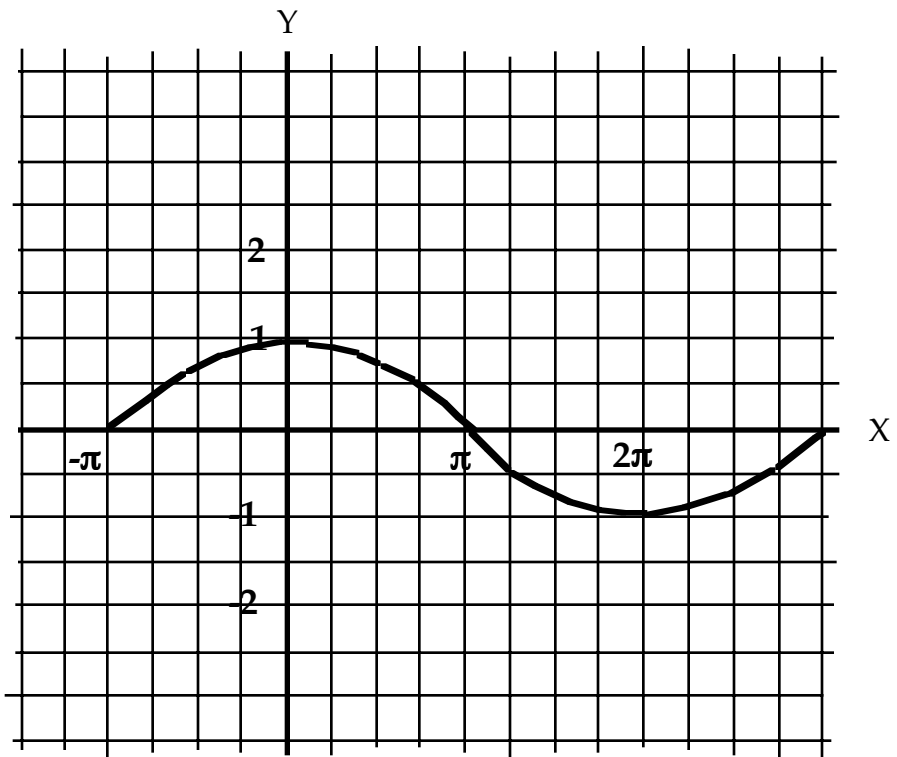
d)



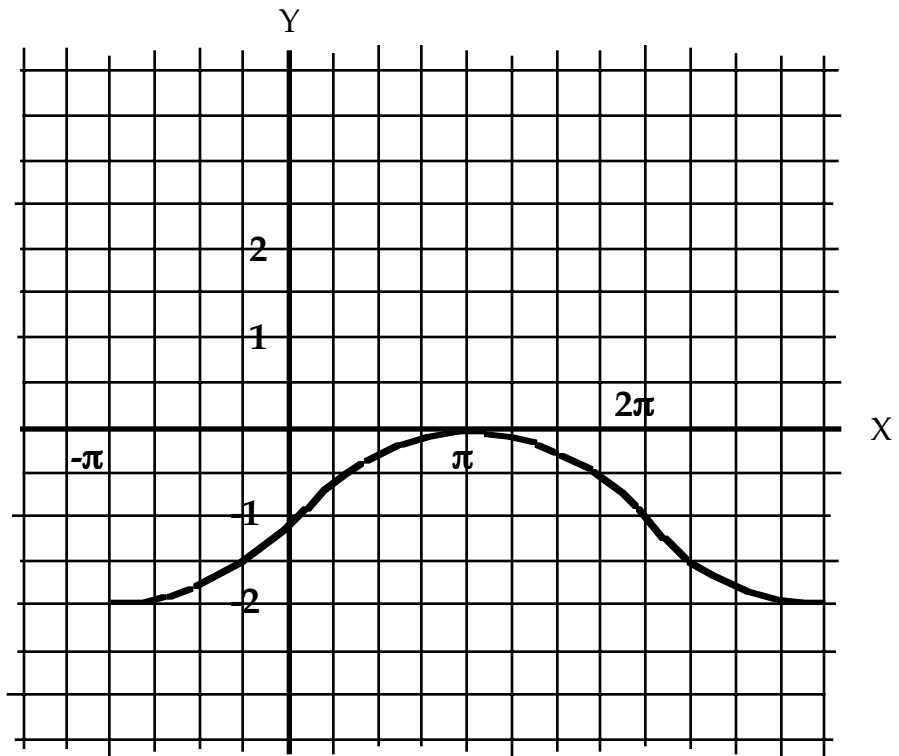
e)



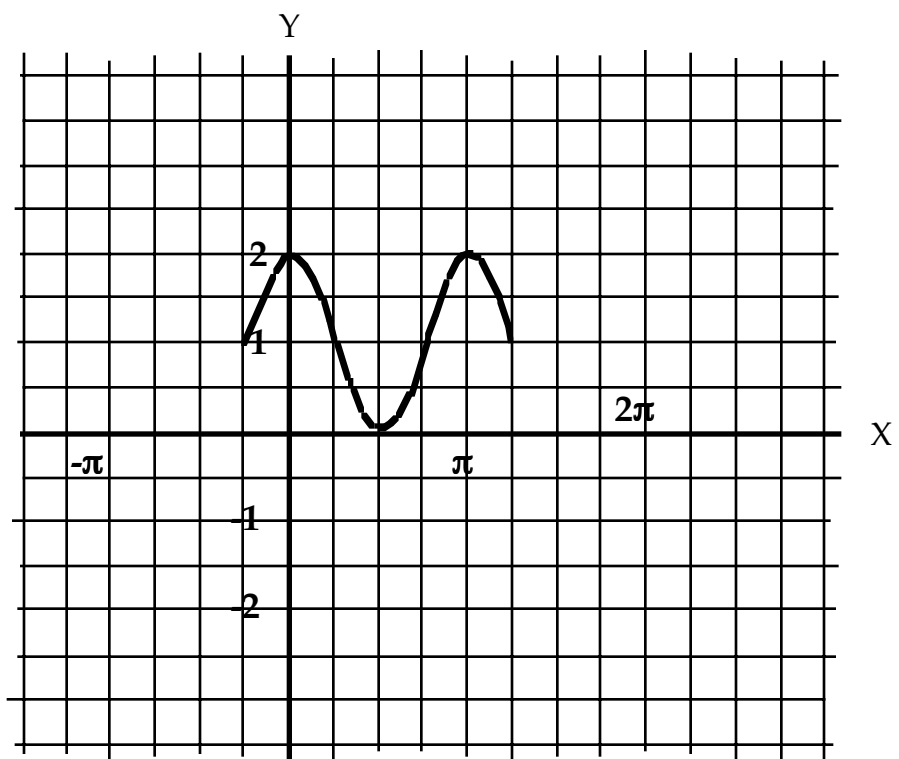
f)



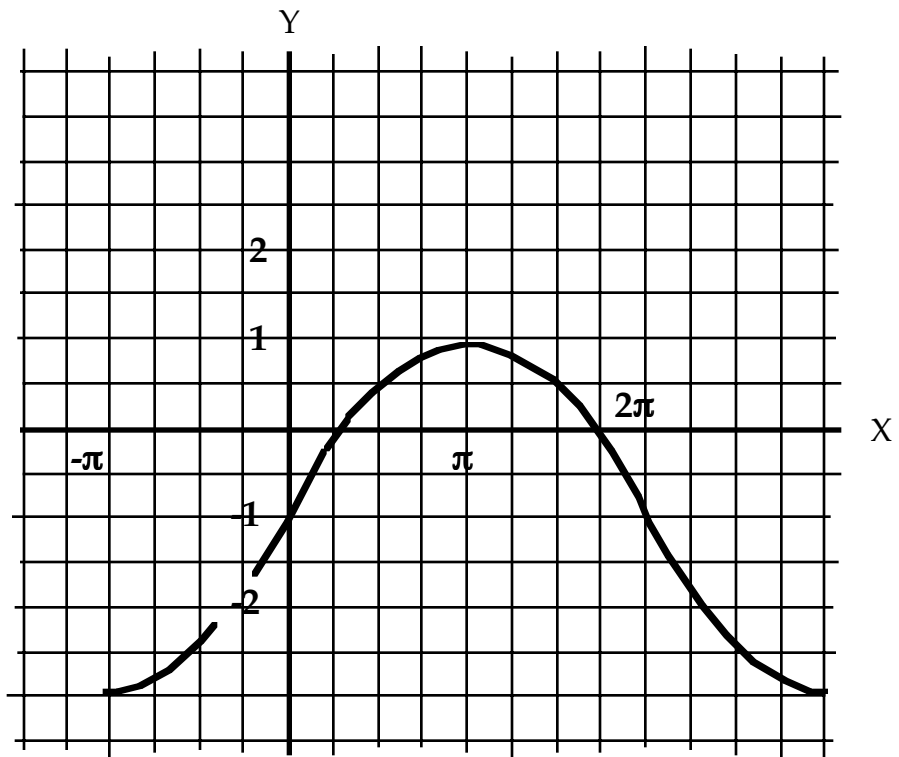
2)a)



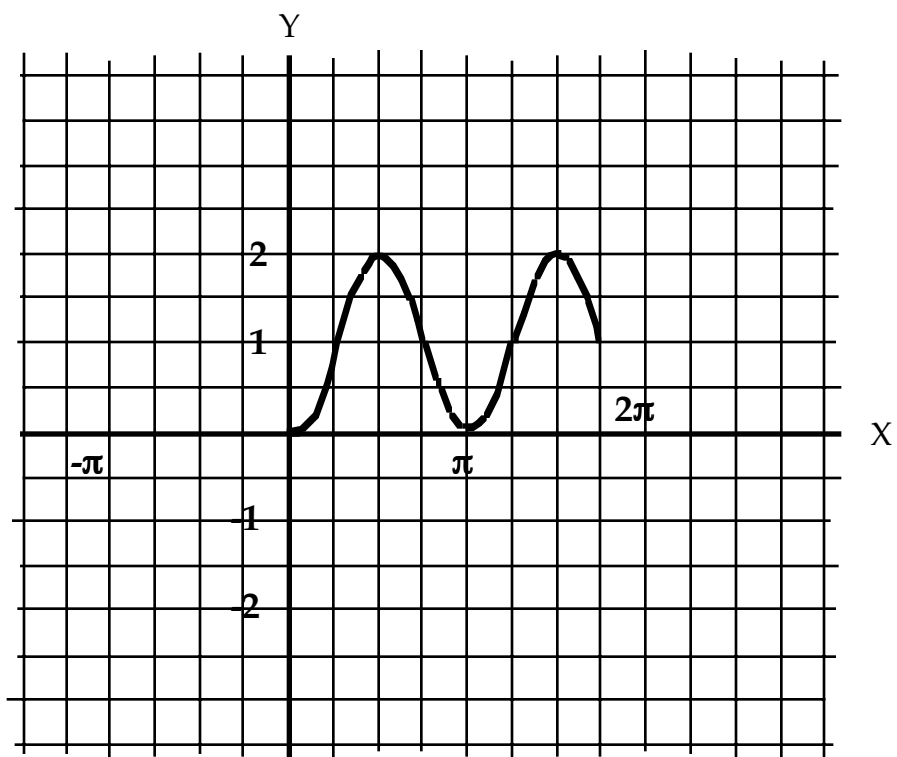
b)



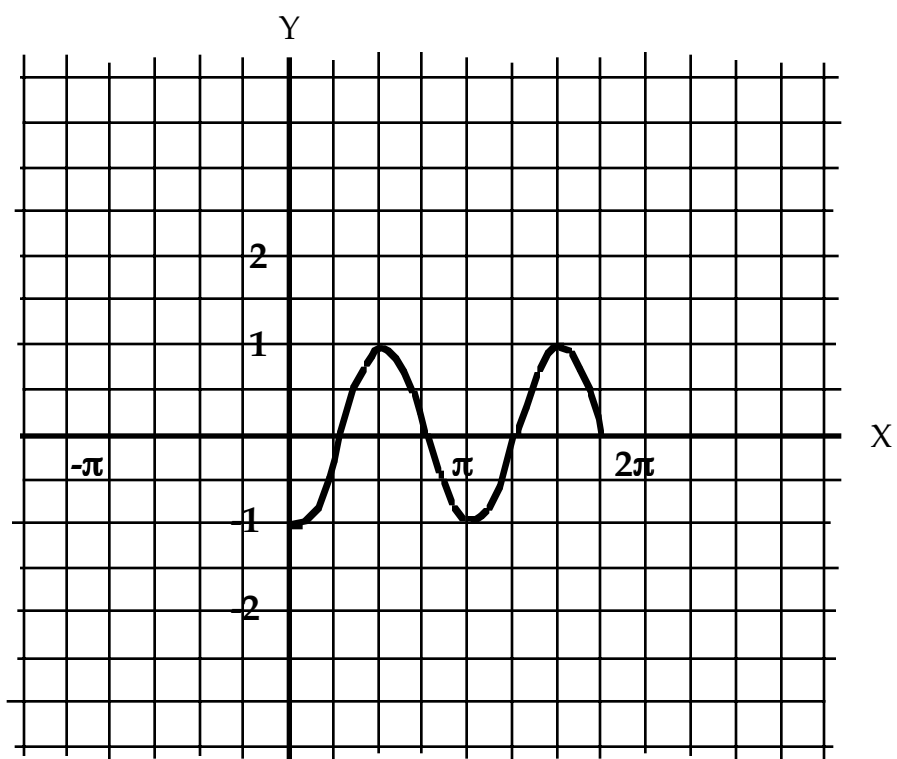
c)



d)



e)





f)

