

Graphing Sin/Cos Functions W.S. - 50

1) Graph the following functions. Try to graph the function without using a table of values.

a) $y = \sin x$

b) $y = 2 \sin x$

c) $y = -\sin x$

d) $y - 1 = \sin x$

e) $y = \sin (x - \pi)$

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

2) Graph the following functions:

a) $y = \cos x$

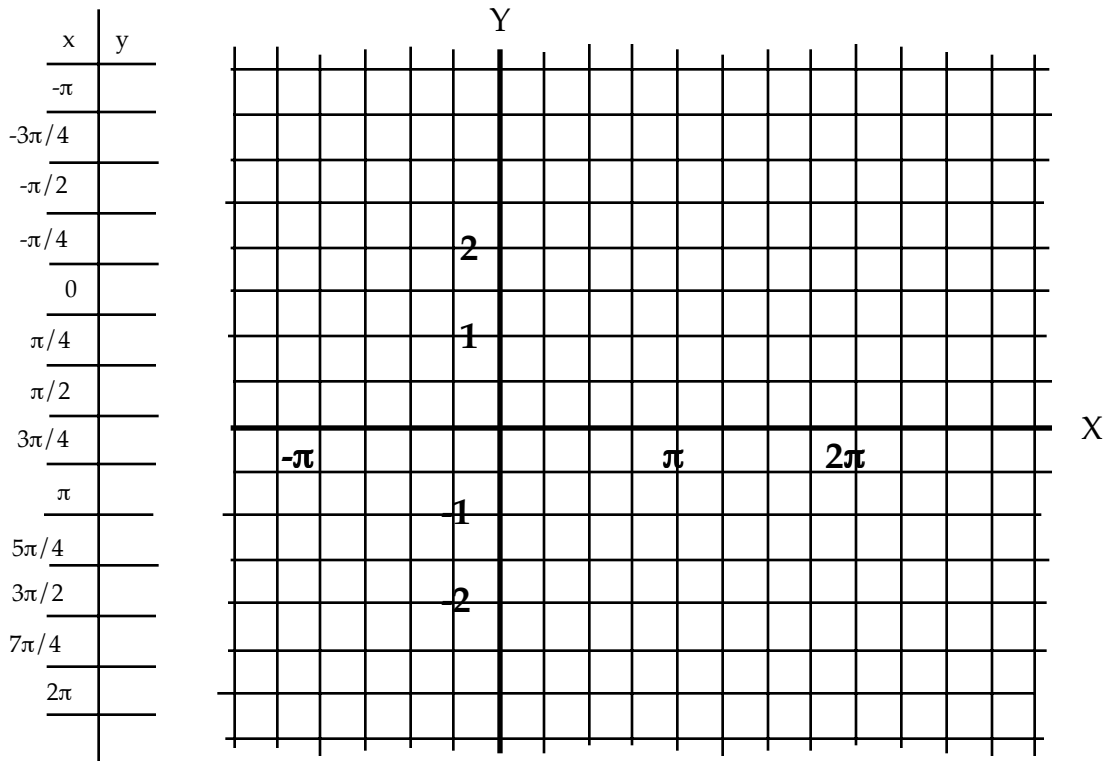
b) $y = 3 \cos x$

c) $y + 1 = \cos x$

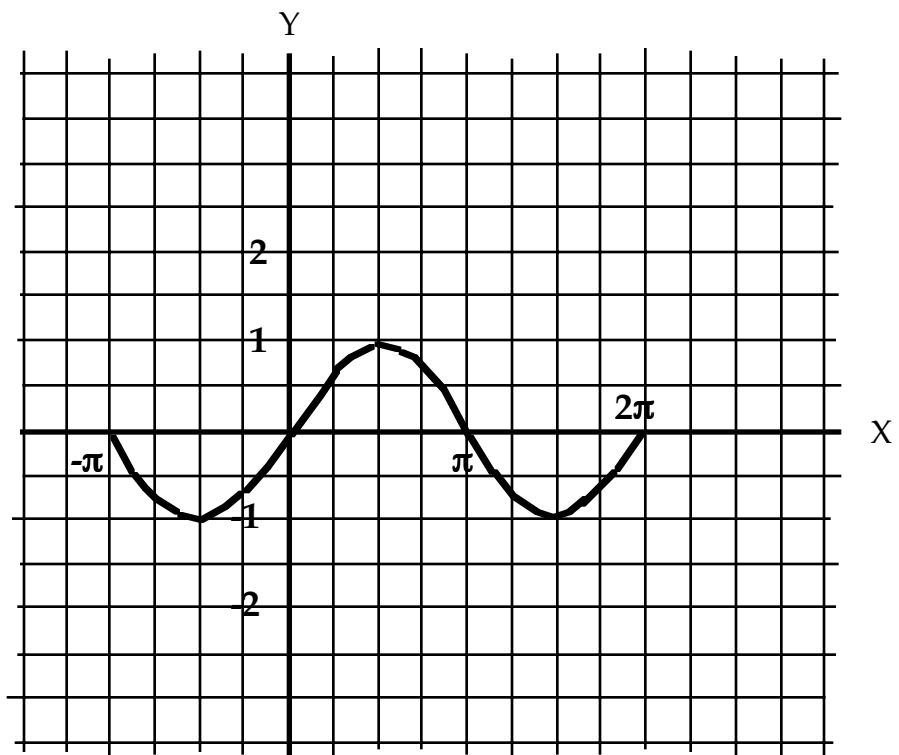
d) $y = -\cos x$

e) $y = \cos (x + \pi)$

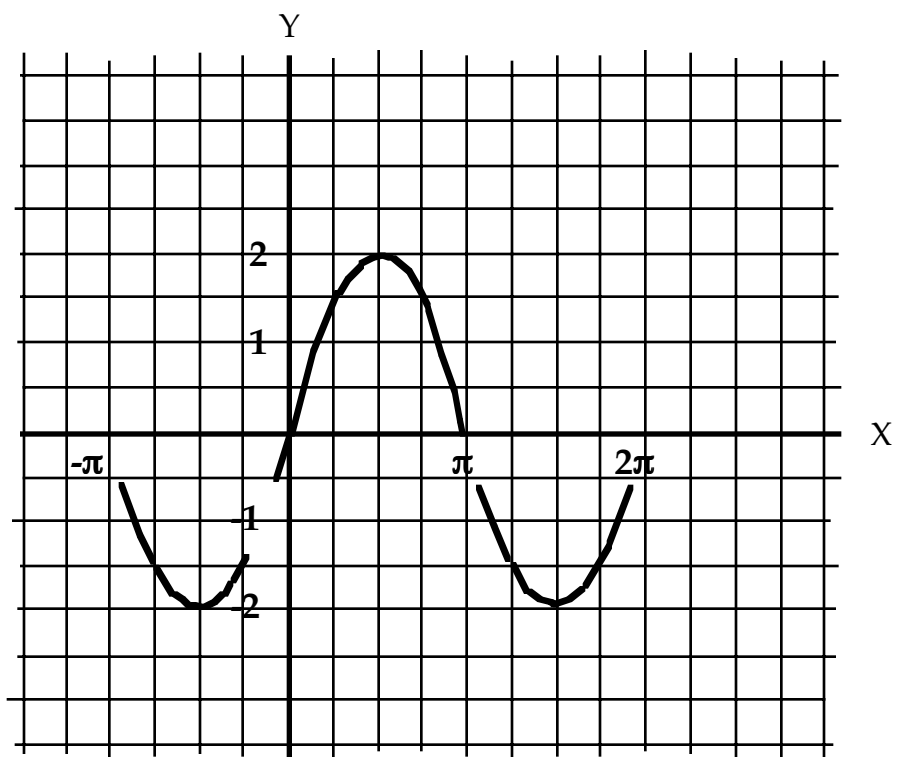
f) $y = \cos (x + \pi/2)$



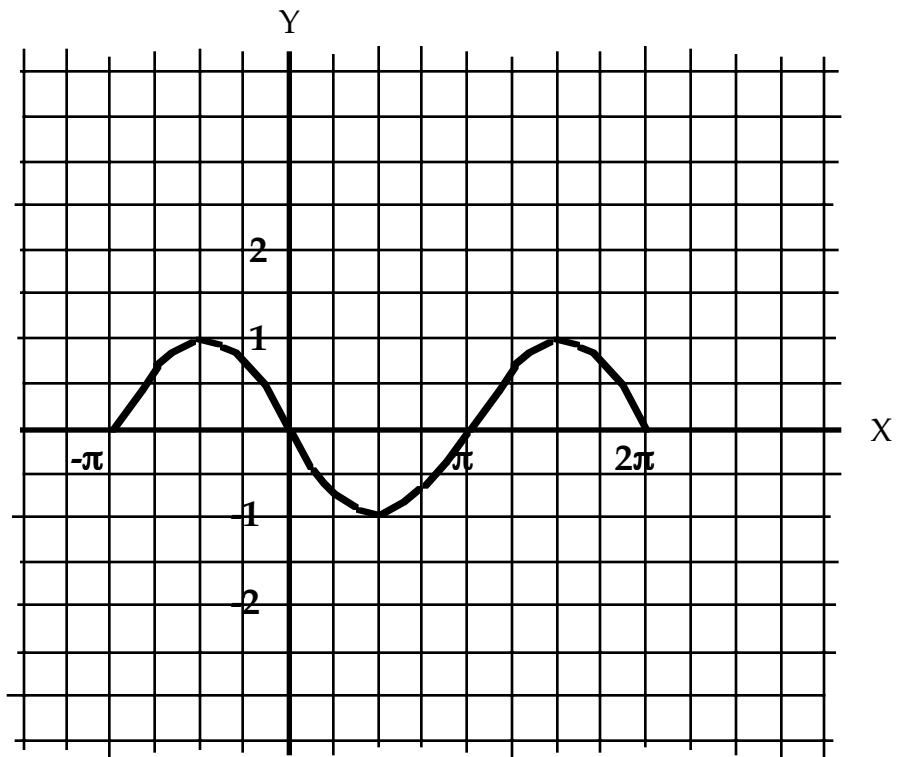
Answers: 1)a)



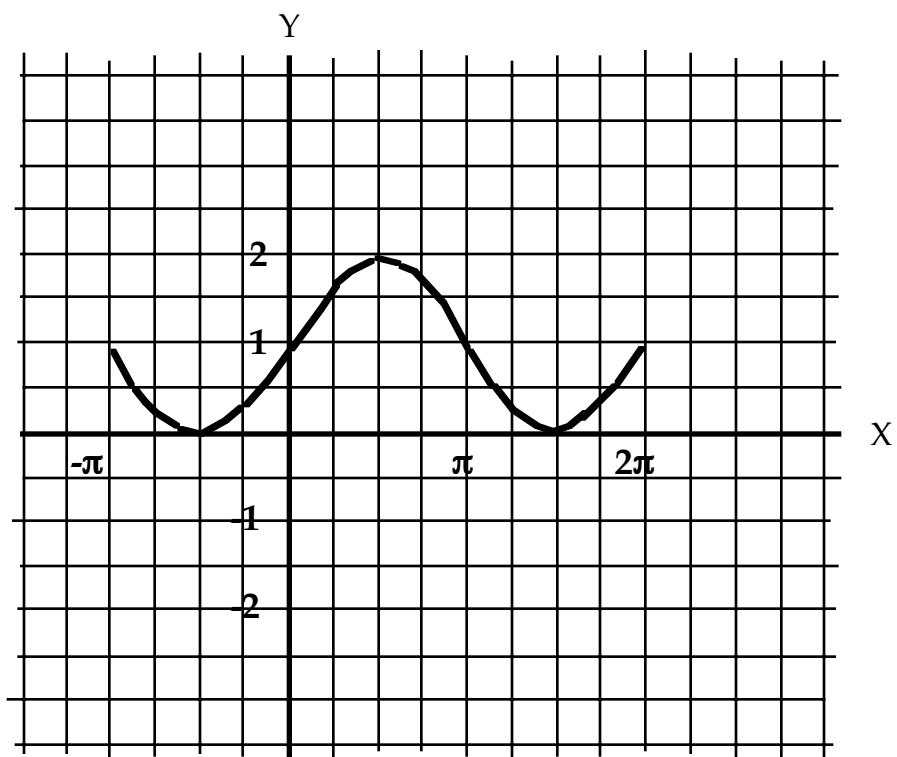
b)



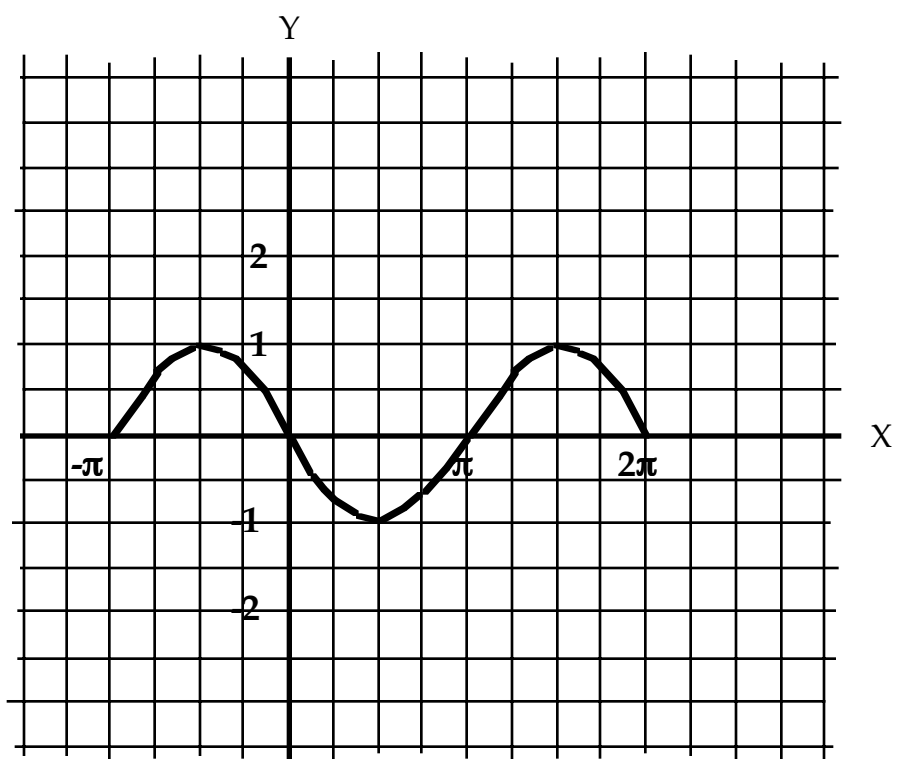
c)



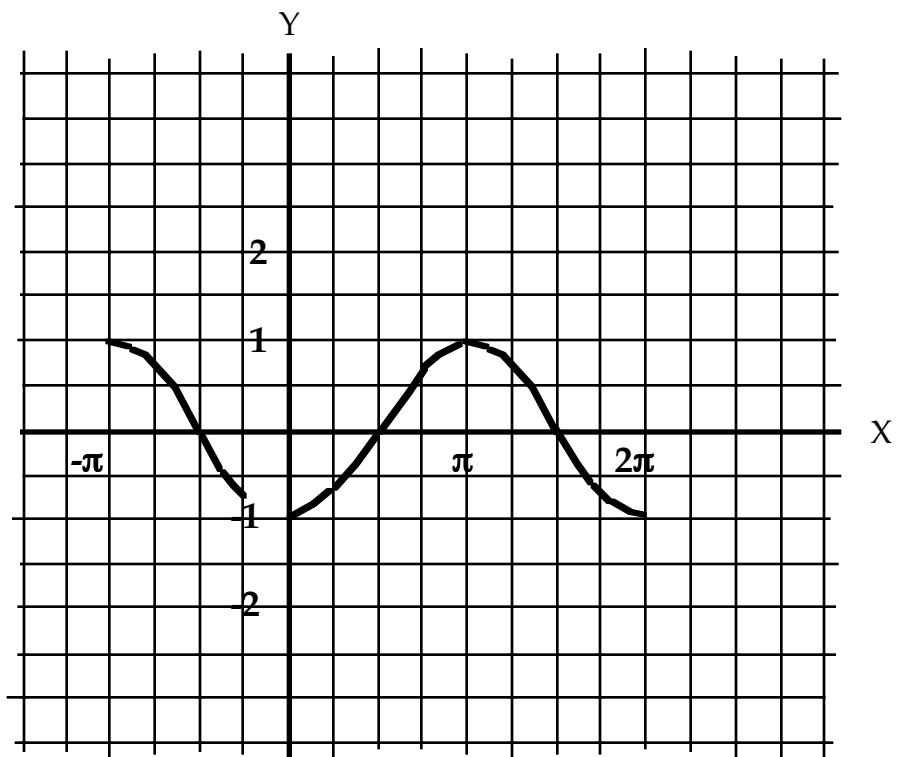
d)



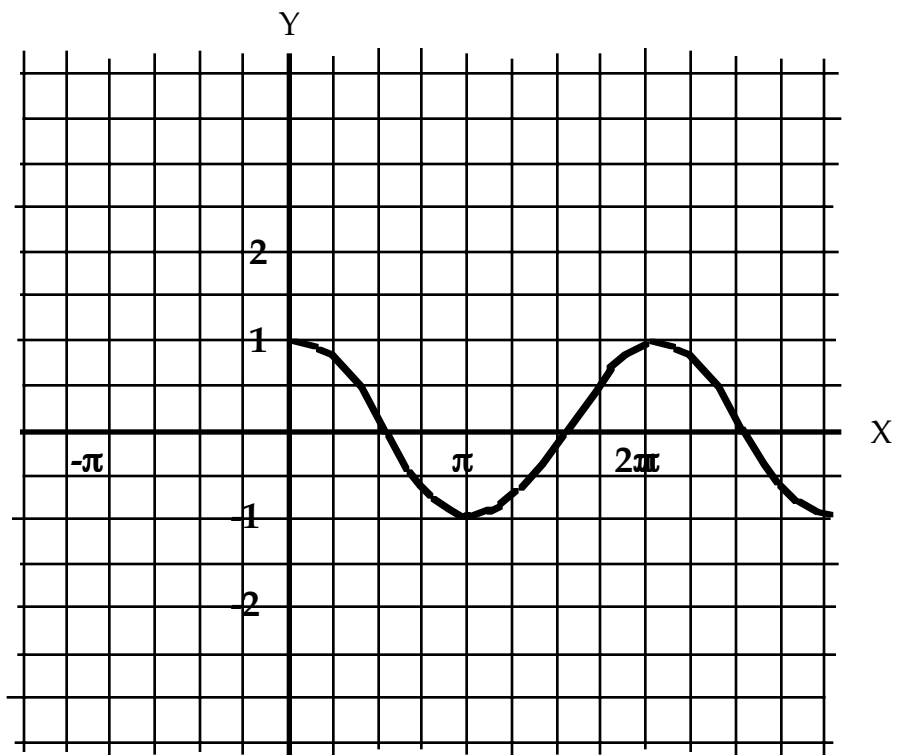
e)



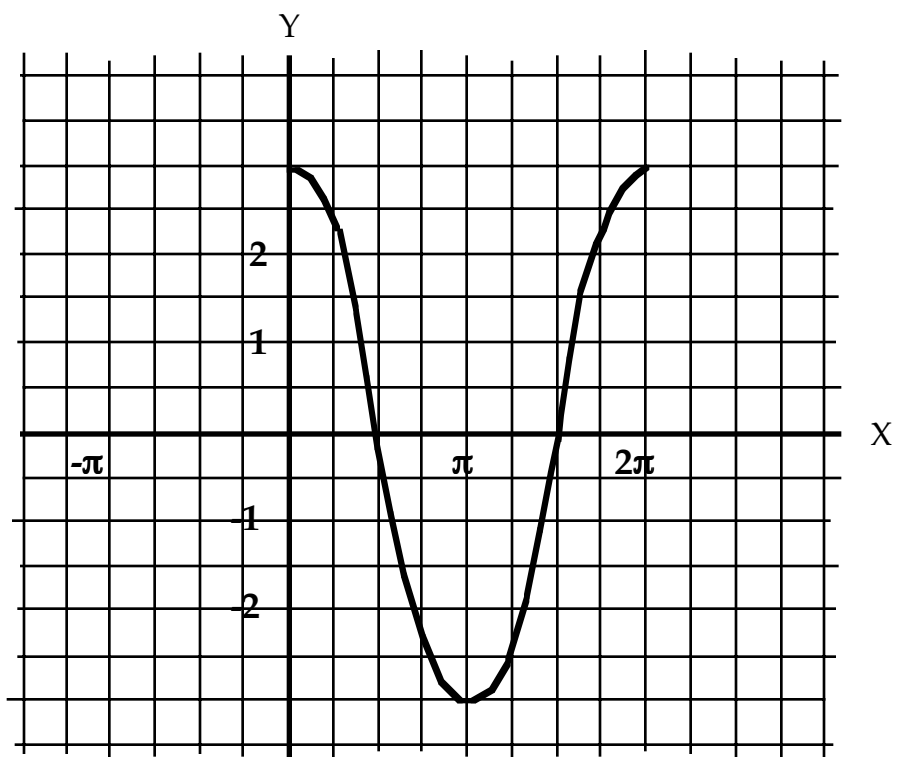
f)



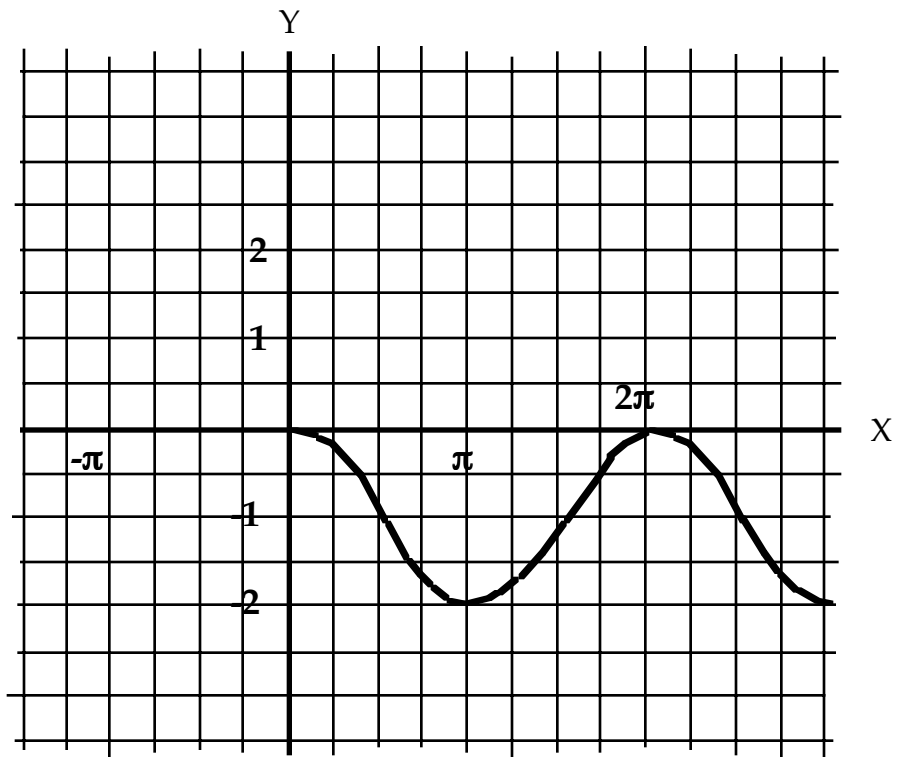
2)a)



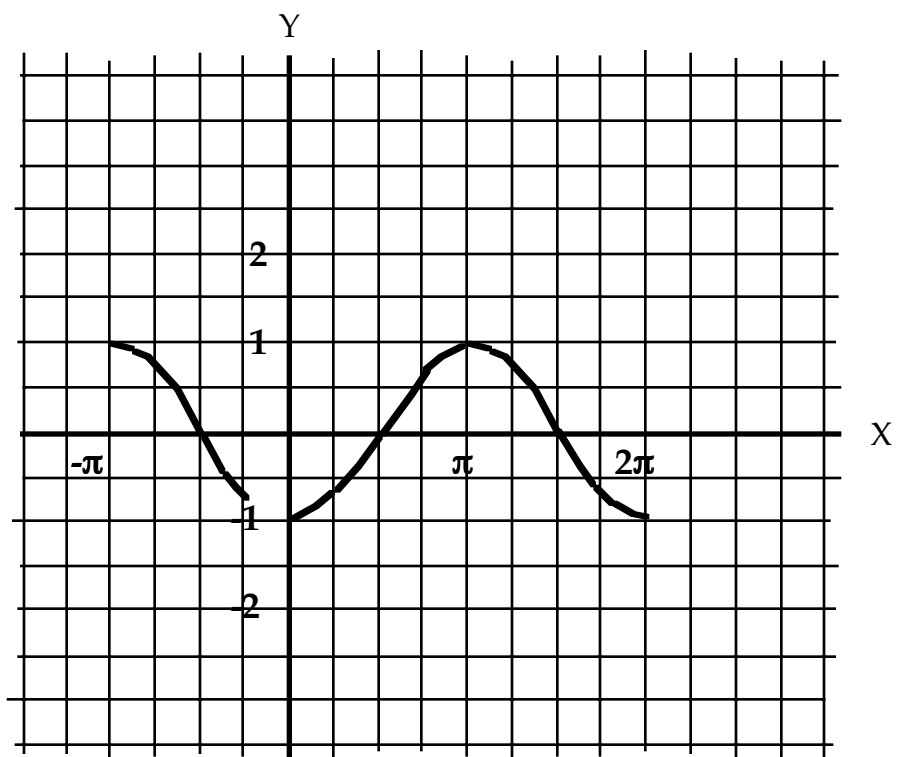
b)



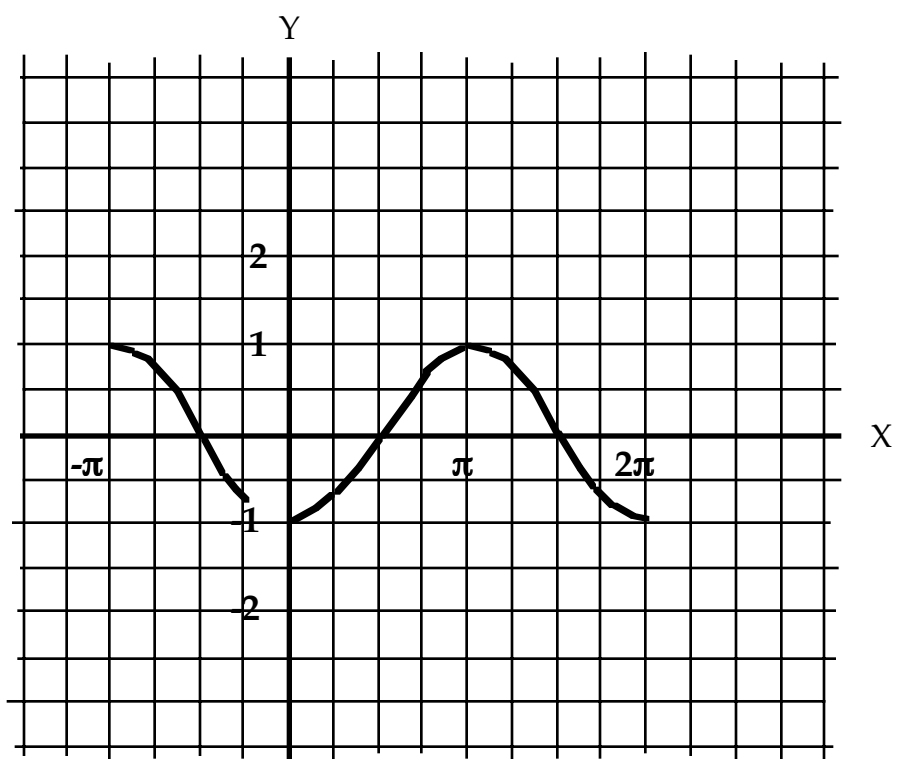
c)



d)



e)



f)

