Question 1

Which function has the graph shown?
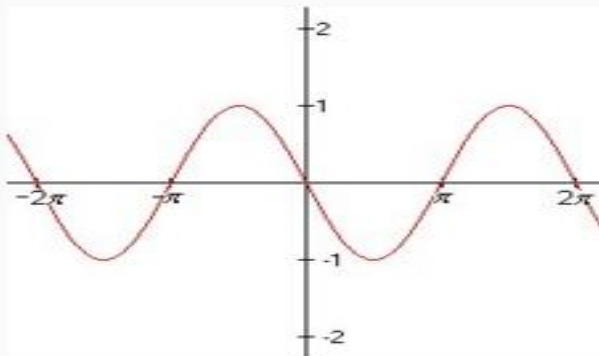
$y = \sin(-x)$

$y = \csc\left(x - \dfrac{\pi}{2}\right)$

$y = \cos x$

$y = -\cos x$

Answer: y=sin(-x).

Question 2

What is the vertical displacement of the basic graph to produce a graph of $y = -2 - \cos(x - \pi)$?

3 units down

π units up

2 units down

π units down

Answer: 2 units down.