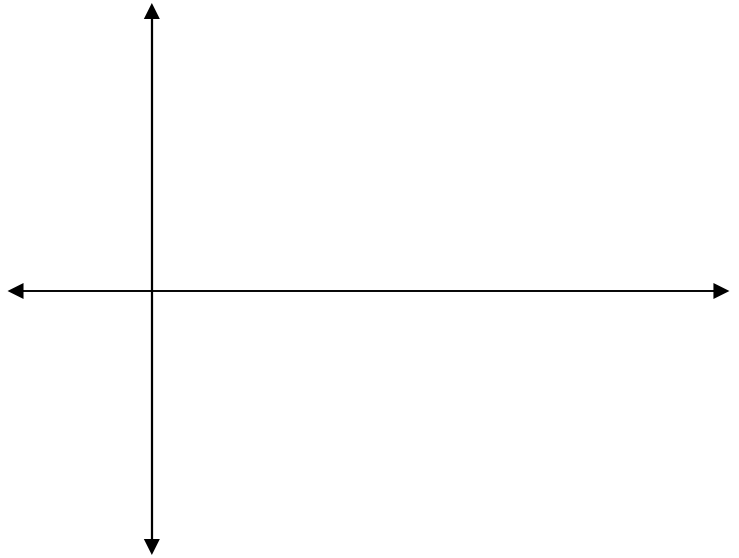


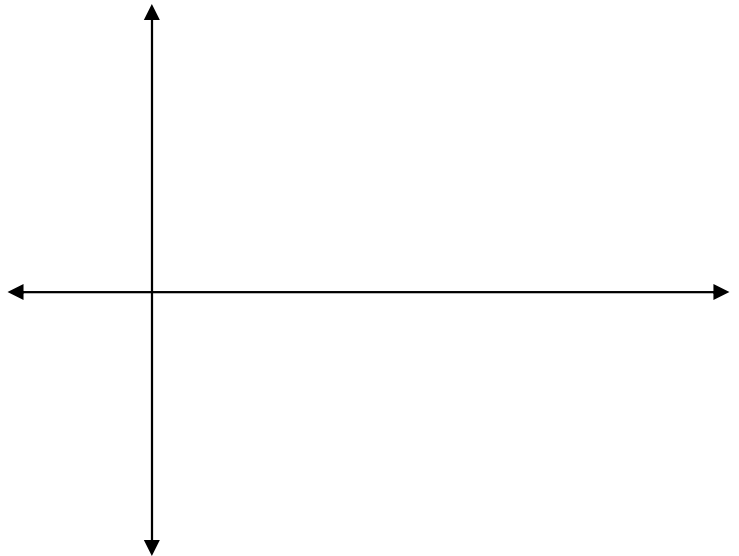
Name: \_\_\_\_\_  
Math 109Q – Sections 01, 08  
Quiz #8 ~ Friday, November 2<sup>nd</sup>

DIRECTIONS: Sketch one period of the graph for each function. Identify the amplitude and the period for each function.

1)  $f(x) = -\cos x$



2)  $f(x) = 2\cos(x - \pi)$



3)  $f(x) = \sin(2x) - 1$

