Name:

MAC 1114 Section 074H
Quiz 4

Please show all of your work in a NEAT and ORGANIZED fashion.

1. (a) (1 point) Find the period and amplitude of $y = \dfrac{1}{3}\sin(\pi x)$.

(b) (2 points) Sketch the graph of $y = \sin x$.

(c) (2 points) Sketch the graph of $y = \dfrac{1}{3}\sin(\pi x)$.

2. (a) (1 point) Find the period and amplitude of $y = -\cos(4x)$.

(b) (2 points) Sketch the graph of $y = \cos x$.

(c) (2 points) Sketch the graph of $y = -\cos(4x)$.