

Written HW9 – MATH 1540 Spring 2023

For the plots in this problem I need to see the following pieces of information for full credit: how you transformed the x -values by any horizontal transformation, how you transformed y -values by any vertical transformation, identify the midline (also called “zero line”) in your plot, place anchor points on the x -axis, label the y -axis, and correctly place the trig functions on the plot.

1. Plot $y = 8 \sin(2x) - 1$
2. Plot $y = 3 \cos\left(x + \frac{\pi}{2}\right) + 5$