

Written HW11 – MATH 1540 Spring 2022

Due by 18 March for timely completion credit

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 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 $y = 3 \tan \left(x + \frac{\pi}{3} \right)$

2. Plot $y = 2 \tan \left(5 \left(x - \frac{\pi}{6} \right) \right) - 5$