

Written HW8 – MATH 1430 Fall 2022

Sketch the given function using transformations. Be sure to plot the base function, show one plot for each transformation, label the axes in each plot, label each plot, and show how two points are transformed from the first picture through each plot.

1. $f(x) = 2(x - 1)^3 - 2$

2. $g(x) = 2\sqrt{3(x + 1)} + 4$