

Written HW11 – MATH 1540 Fall 2020

Due by 21 October for timely completion credit

Draw a picture of the trigonometric function, properly labeled (per the instructions of WHW8 or WHW9) and identify at least three domain restrictions on which the function becomes one-to-one. After that, pick your favorite one and draw the function (restricted to that domain) and its inverse on the same plot by hand. Include labels for any asymptotes, and any common anchor points in the plot.

1. $\csc(x)$
2. $\cot(x)$