

Written HW12 – MATH 1540 Fall 2020

Due by 28 October for timely completion credit

Simplify the trigonometric expression. “Simplify” means write it with the fewest symbols possible. The list of identities we’ve covered in class may be useful (cofunction, definitional, even/odd, and Pythagorean).

1. $\cos(x)(\tan(x) - \sec(-x))$

2. $\frac{\cot(-t) + \tan(-t)}{\cos(-t)}$

3. $\frac{1 - \sin^2(x)}{\cos(x)}$