

Written HW13 – MATH 1540 Spring 2023

Compute $\sin(2x)$, $\cos(2x)$, and $\tan(2x)$ from the given information. In your response, identify the quadrant of the angle x and draw the relevant right triangle, as was done in class.

1. $\csc(x) = 6$ and $\cos(x) > 0$

2. $\tan(x) = -\frac{1}{4}$ and $\cos(x) < 0$