

QUIZ 8

Name _____

1. Convert the degree measure -125° to radian measure and convert the radian measure $16\pi/3$ to degree measure.

2. Write the equation

$$\cos(2\pi/3)\cos(\pi) + \sin(2\pi/3)\sin(\pi)$$

as a single fraction (no decimals allowed). You must show intermediate steps.

3. Find an angle which is between 0 and 2π which is coterminal with the angle $23\pi/6$. What is \sin of this angle?

4. Find the average rate of change of the function $g(t) = \sin(t)$ from $t = \pi/6$ to $t = 11\pi/3$. Show intermediate steps. No decimals allowed.