

Mathematics 1613: Trigonometry Quiz #2

Problem 4: Explain what it means for an angle to be measured in radians.

Problem 5: Use the above definition to find the radian measure of 360° . Explain your reasoning.

Problem 6: Explain why converting from degrees to radians involves multiplying by $\frac{\pi}{180^\circ}$:

Problem 7: Convert between degrees and radians:

$$390^\circ$$

$$-\frac{7\pi}{3}$$