

Polar Coordinates Graphing Handout for Day1 of Unit 3

NOTE: Your Unit Circle skills will be needed for this unit. Perhaps find one or make one.

PART A

I. Plot the polar coordinates:

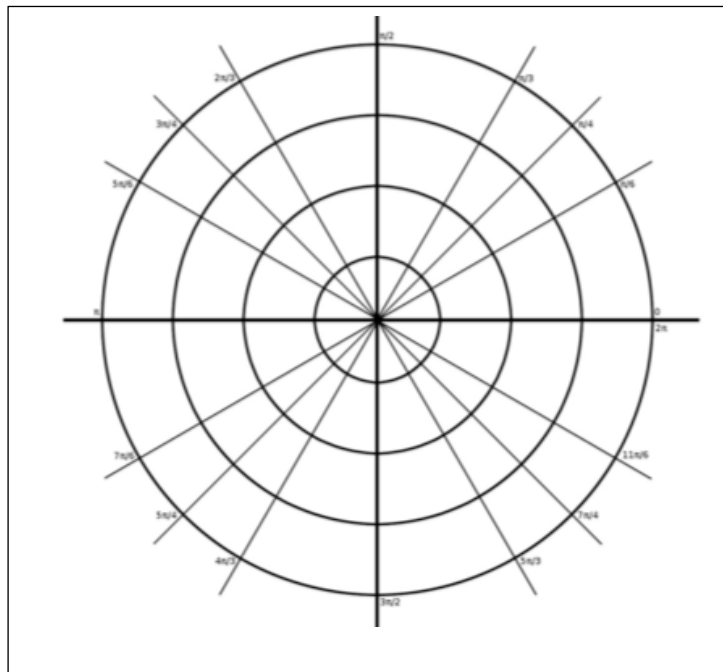
A: $(3, 5\pi/6)$

B: $(5, -35\pi/4)$

C: $(-2, 90^\circ)$,

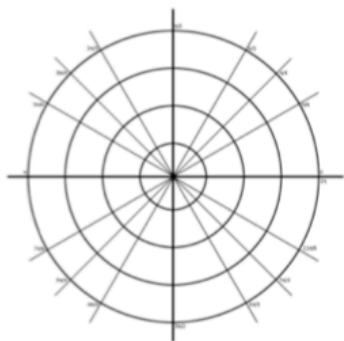
D: $(0, -2)$

II. Rename $(3, 5\pi/6)$ three different ways.

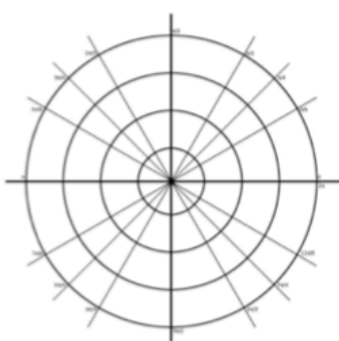


PART B

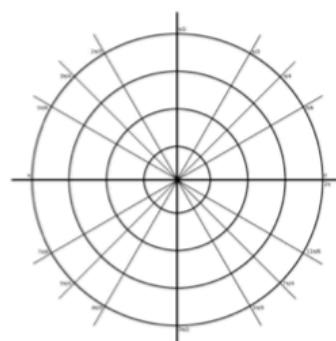
1. $r = 3$



2. $\theta = \pi/4$



3. $r = \theta$



PART C

θ										
r										

$r = 2 \cos \theta$

