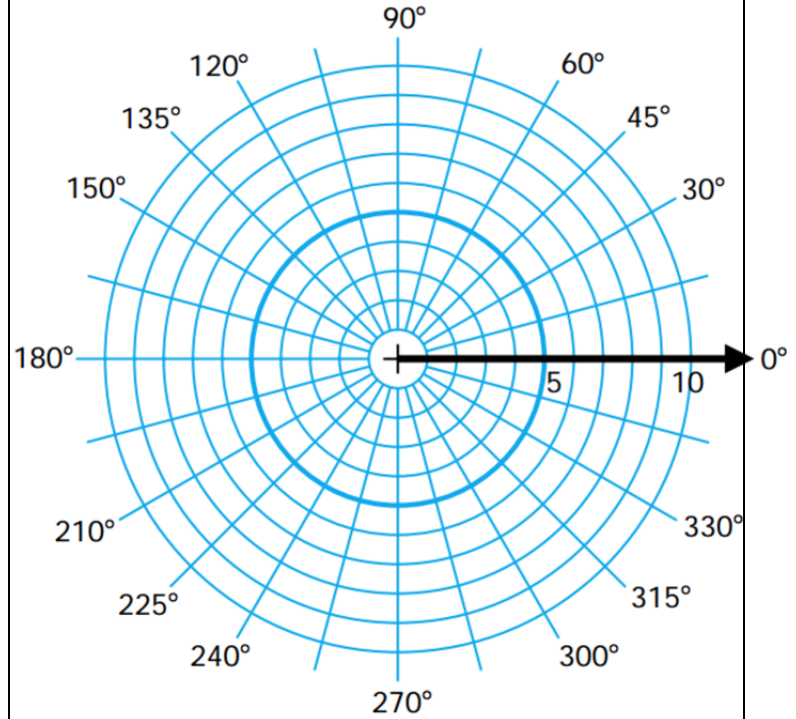
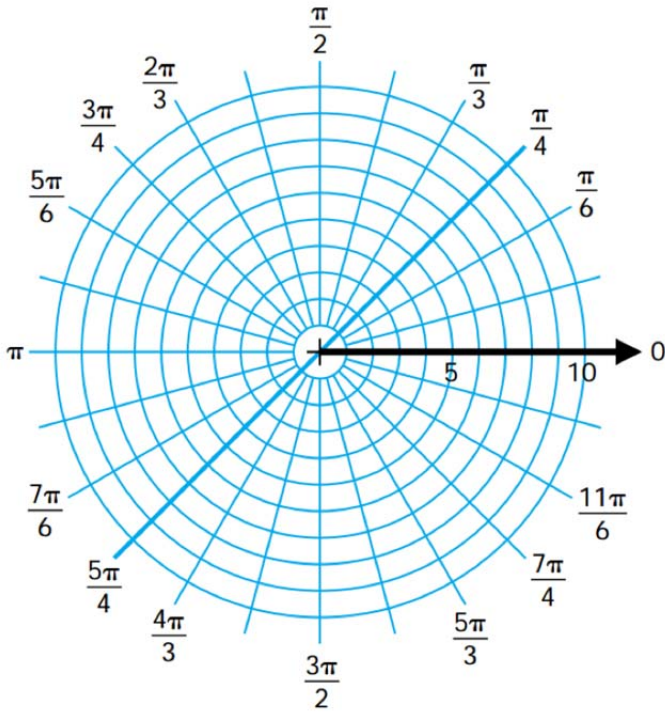


You must complete this before retaking the MC again. Remember it is all about LEARNING so take your time and learn how to do these skills. If you need help please ask!

NAME: \_\_\_\_\_

Corrective Assignment 13.2

Directions: Plot each point and label it.



1)  $(3, \frac{5\pi}{6})$

2)  $(-6, \frac{3\pi}{4})$

3)  $(-5, 270^\circ)$

4)  $(-1, -210^\circ)$

Directions: Rename the following point in two different ways, at least one with the opposite radius. Keep radians with radian answers, and degree with degree answers. (You could have literally infinitely many ways)

5)  $(3, \frac{5\pi}{4})$

6)  $(-1, -\frac{\pi}{3})$

7)  $(-8, 30^\circ)$

8)  $(2, -60^\circ)$

Directions: Convert the following from Polar to Rectangular (round to 3 decimal places).

9)  $(-3, \frac{\pi}{4})$

10)  $(-7, -\frac{5\pi}{6})$

11)  $(6, 30^\circ)$

12)  $(7, -240^\circ)$

Directions: Convert the following from Rectangular to Polar where  $r \geq 0$ , and  $0^\circ \leq \theta \leq 360^\circ$  (round to 2 decimal places).

13)  $(3, 4)$

14)  $(-7, 1)$

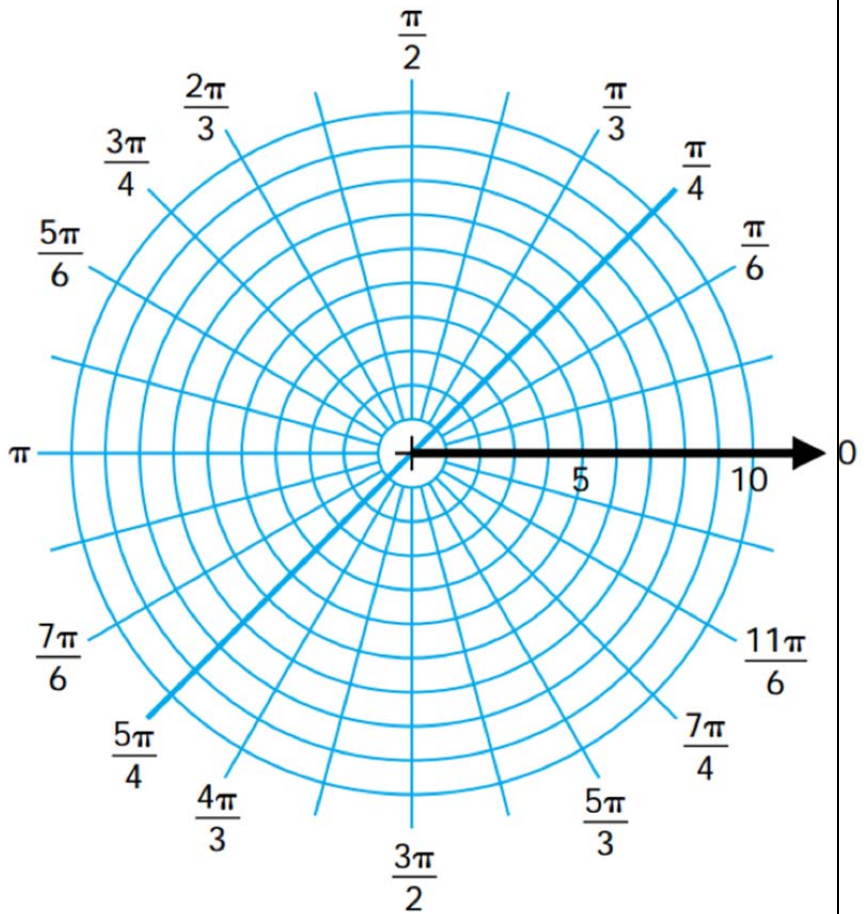
15)  $(3, -5)$

16)  $(-2, 1)$

Directions: Complete the table and plot the graph. (round to 2 decimals)

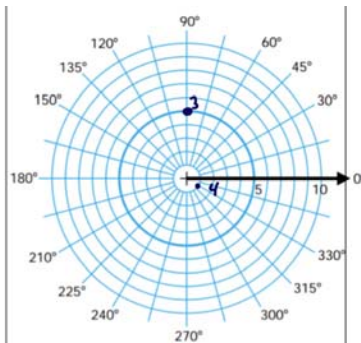
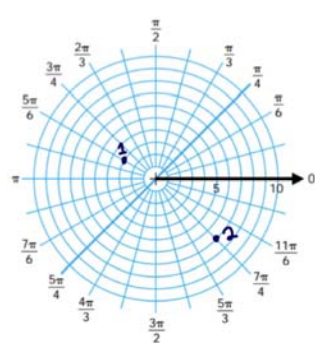
17)  $r = 3 + 3 \sin \theta$

$\theta$	$r$
$\frac{3\pi}{2}$	
$\frac{11\pi}{6}$	
0	
$\frac{\pi}{6}$	
$\frac{\pi}{3}$	
$\frac{\pi}{2}$	
$\frac{2\pi}{3}$	
$\frac{5\pi}{6}$	
$\pi$	
$\frac{7\pi}{6}$	



ANSWERS TO CORRECTIVE ASSIGNMENT:

Make sure you check all your answers and make sure you KNOW how to do all of them. You could simply copy answers but that's not the point. The point is that you have to learn how to do this so please make sure that for any you don't understand you get help BEFORE taking the Mastery Check again.



5)  $(-3, \frac{\pi}{4}), (3, -\frac{3\pi}{4})$  6)  $(-1, \frac{5\pi}{3}), (1, \frac{2\pi}{3})$

7)  $(-8, -330^\circ), (8, 210^\circ)$  8)  $(-2, 150^\circ), (2, 330^\circ)$

9)  $(-2.121, -2.121)$  10)  $(6.062, 3.5)$  11)  $(5.196, 3)$

12)  $(-3.5, 6.062)$  13)  $(5, 53.13^\circ)$  14)  $(7.07, 171.87^\circ)$

15)  $(5.83, 300.96^\circ)$  16)  $(2.24, 153.43^\circ)$

$\theta$	$r$
$\frac{3\pi}{2}$	0
$\frac{11\pi}{6}$	1.50
0	3
$\frac{\pi}{6}$	4.50
$\frac{\pi}{3}$	6.00
$\frac{\pi}{2}$	6
$\frac{2\pi}{3}$	6.00
$\frac{5\pi}{6}$	4.50
$\pi$	3
$\frac{7\pi}{6}$	1.5

