

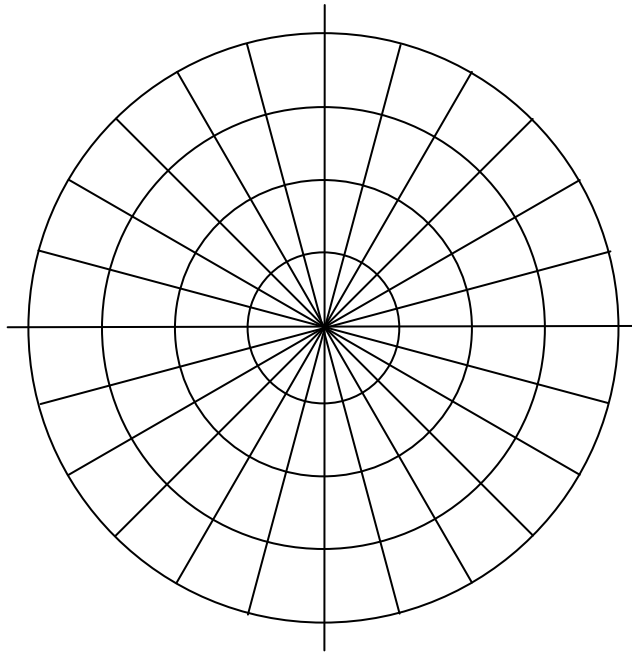
- 1) On the polar grid provided, plot the following polar points:

A) $\left(2, \frac{\pi}{6}\right)$

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

C) $\left(4, \frac{2\pi}{3}\right)$

D) $\left(-3, \frac{\pi}{2}\right)$



- 2) Find the Cartesian coordinates of the polar point $\left(2, \frac{\pi}{6}\right)$

- 3) Find the polar coordinates of the Cartesian point $(0, 4)$

4) Rewrite the equation $r = 3\sin(\theta)$ as a Cartesian equation



Lippman/Rasmussen – W11

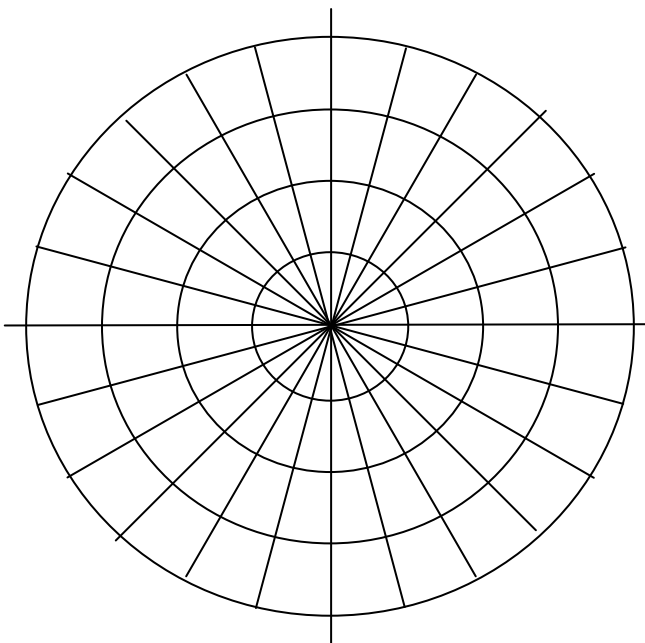
1) On the polar grid provided, plot the following polar points:

A) $\left(2, \frac{5\pi}{6}\right)$

B) $\left(3, \frac{7\pi}{4}\right)$

C) $\left(4, \frac{\pi}{3}\right)$

D) $\left(-3, \frac{\pi}{2}\right)$



2) Find the Cartesian coordinates of the polar point $\left(4, \frac{\pi}{3}\right)$

3) Find the polar coordinates of the Cartesian point $(0, -5)$

4) Rewrite the equation $r = 4\cos(\theta)$ as a Cartesian equation

