

Name: \_\_\_\_\_

## Polar Coordinates

**Exercise 1:** Plot the following points:

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

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

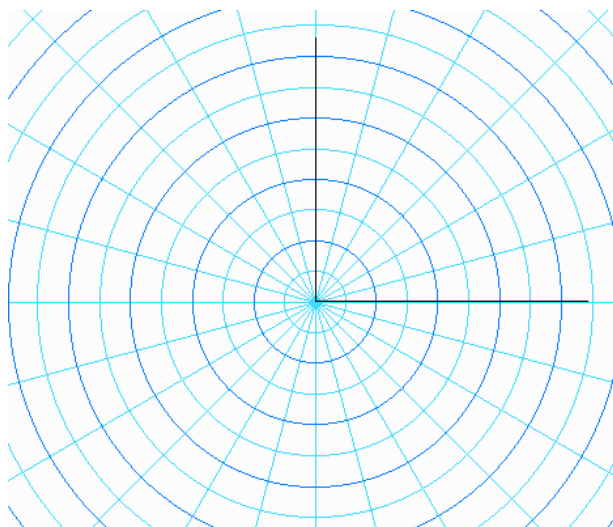
3)  $\left(1, \frac{\pi}{4}\right)$

4)  $\left(8, \frac{2\pi}{3}\right)$

5)  $(3, -\pi)$

6)  $\left(1, \frac{\pi}{2}\right)$

7)  $(1, \pi)$



**Exercise 2:** Plot the points on the given polar grid:

1)  $(2, 60^\circ)$

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

3)  $(5, 0^\circ)$

4)  $(3, 35^\circ)$

5)  $(-5, 90^\circ)$

6)  $(-3, 30^\circ)$

7)  $(0, 120^\circ)$

8)  $(4, 165^\circ)$

9)  $(3, 315^\circ)$

