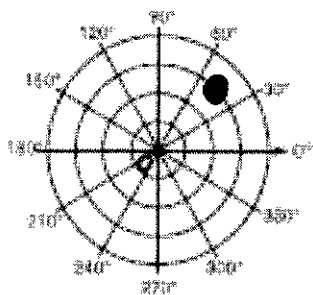


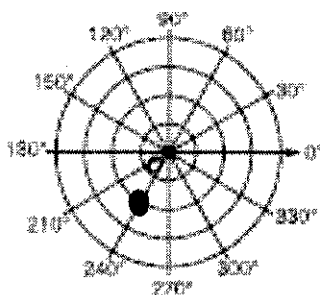
Graphing Polar Coordinates Practice

name _____

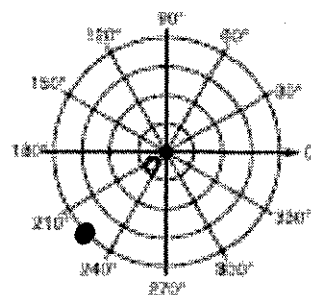
$(3, 45^\circ)$



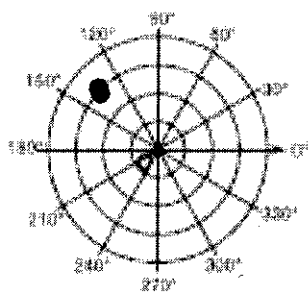
$(-2, 60^\circ)$



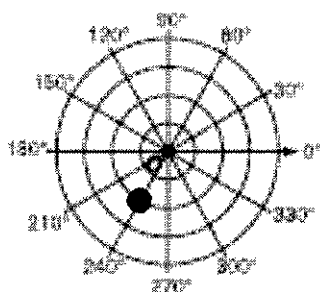
$(4, 225^\circ)$



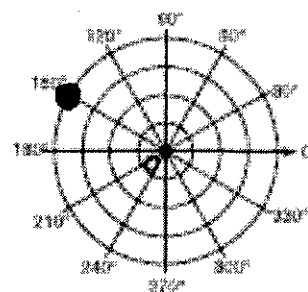
$(-3, 315^\circ)$



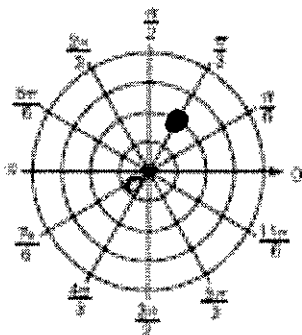
$(-2, -300^\circ)$



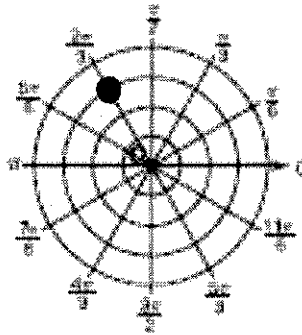
$(4, 150^\circ)$



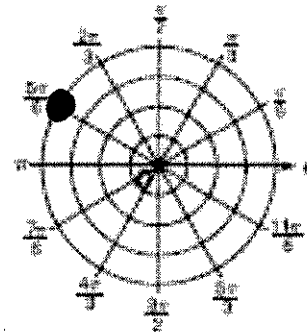
$(2, \frac{\pi}{3})$



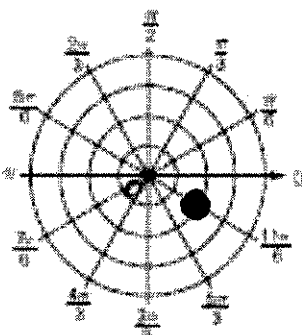
$(3, \frac{2\pi}{3})$



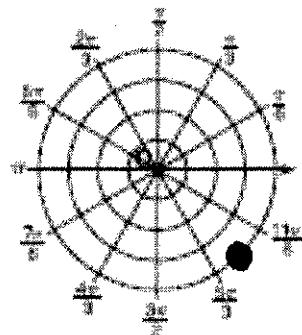
$(-4, -\frac{\pi}{6})$



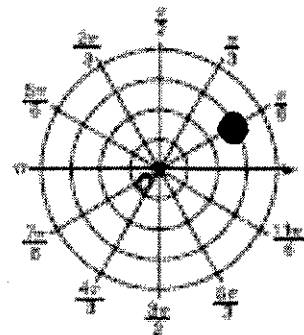
$(-2, \frac{5\pi}{6})$



$(4, \frac{7\pi}{4})$



$(-3, \frac{7\pi}{6})$

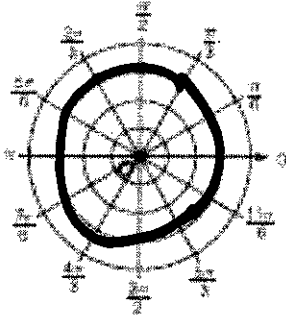


Graphing Polar Coordinates Practice

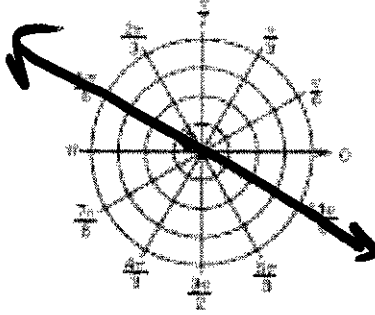
name Key

Graph each polar equation and describe its shape.

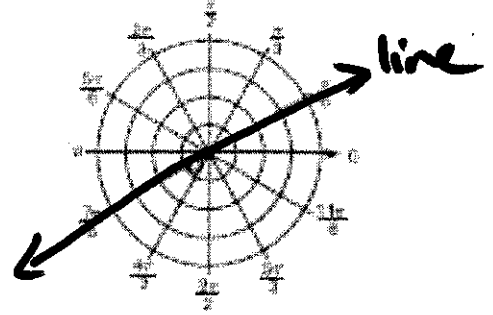
$r = 3$ circle



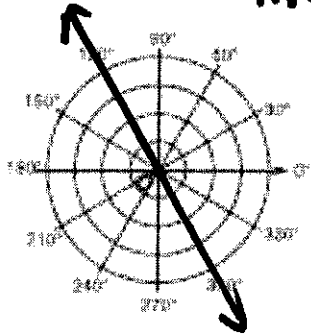
$\theta = \frac{11\pi}{6}$ line



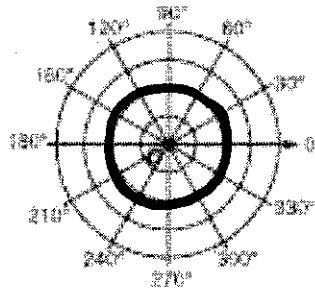
$\theta = \frac{\pi}{6}$



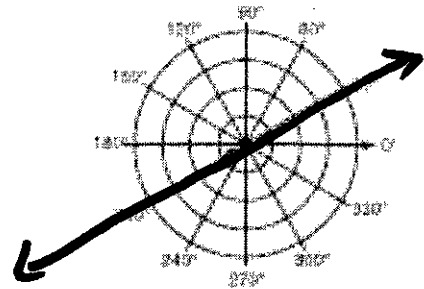
$\theta = 120^\circ$ line



$r = 2$ circle

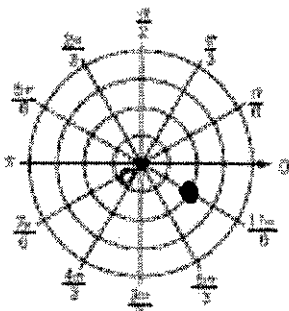


$\theta = -150^\circ$ line



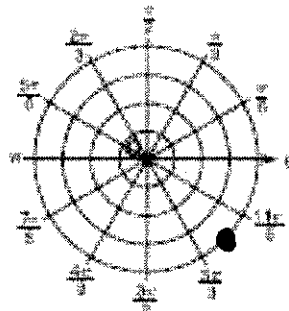
For the following coordinate points: Graph the point and then rewrite them in three different ways

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



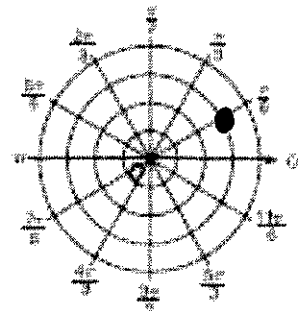
$(-2, -\frac{7\pi}{6})$
 $(2, \frac{11\pi}{6})$
 $(2, -\frac{\pi}{6})$

$(4, \frac{7\pi}{4})$



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

$(-3, \frac{7\pi}{6})$



$(3, \frac{\pi}{6})$
 $(3, -\frac{11\pi}{6})$
 $(-3, -\frac{5\pi}{6})$