(x,y) = (13,-1) In quadrant IV

 $\int_{-\infty}^{2} = \chi^{2} + y^{2}$ . Since f > 0,  $f = \sqrt{\chi^{2} + y^{2}} = \sqrt{3 + 1} = 2$ 

tan 0 = -1

Since we want quadrant IV, use

 $Q = \frac{11\pi}{6}$  or  $Q = -\frac{\pi}{6}$ 

So we have  $(2, \frac{11\pi}{6})$  or  $(2, -\frac{\pi}{6})$