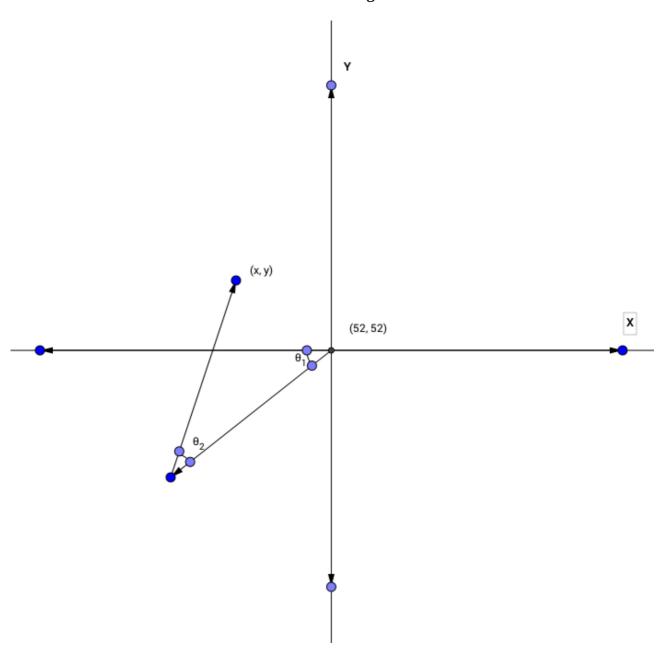
Coordinate Diagram



Coordinate Equations

$$\alpha = \pi + \theta_1$$

$$\beta = \theta_1 + \theta_2$$

$$x = x_0 + r * (cos(\alpha) + cos(\beta))$$

$$y = y_0 + r * (sin(\alpha) + sin(\beta))$$