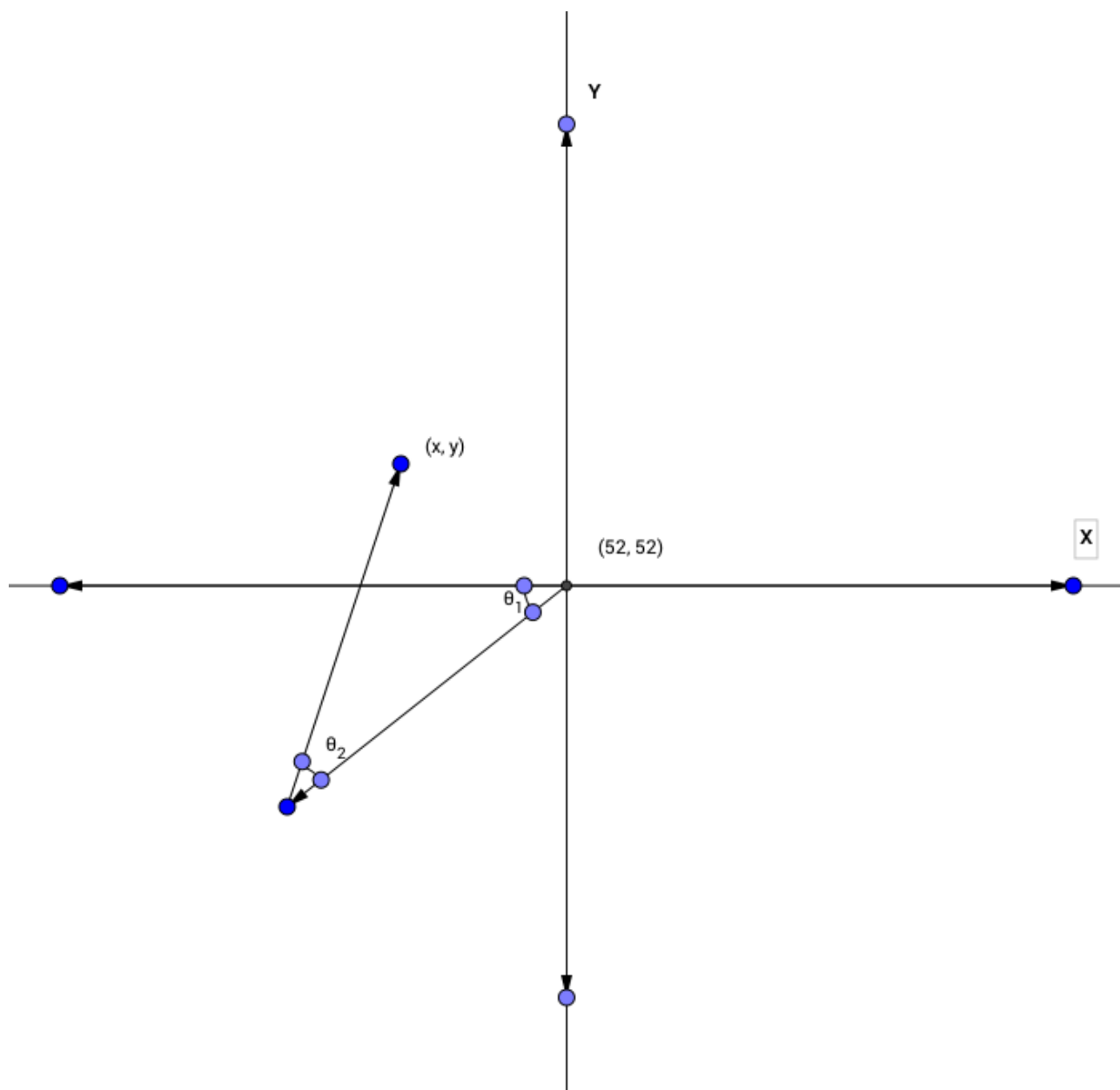


### Coordinate Diagram



### Coordinate Equations

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

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

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

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