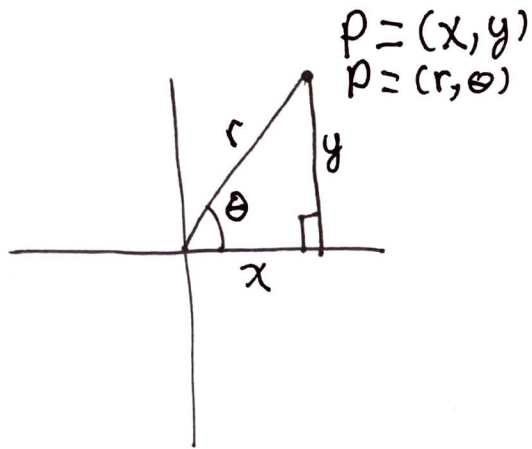


## 11.3 - Polar Coordinates

8.1, 8.2, and 8.4 Under Analytic Geometry.



$$x = r \cos \theta$$

$$y = r \sin \theta$$

$$r^2 = x^2 + y^2$$

$$\tan \theta = \frac{y}{x}$$