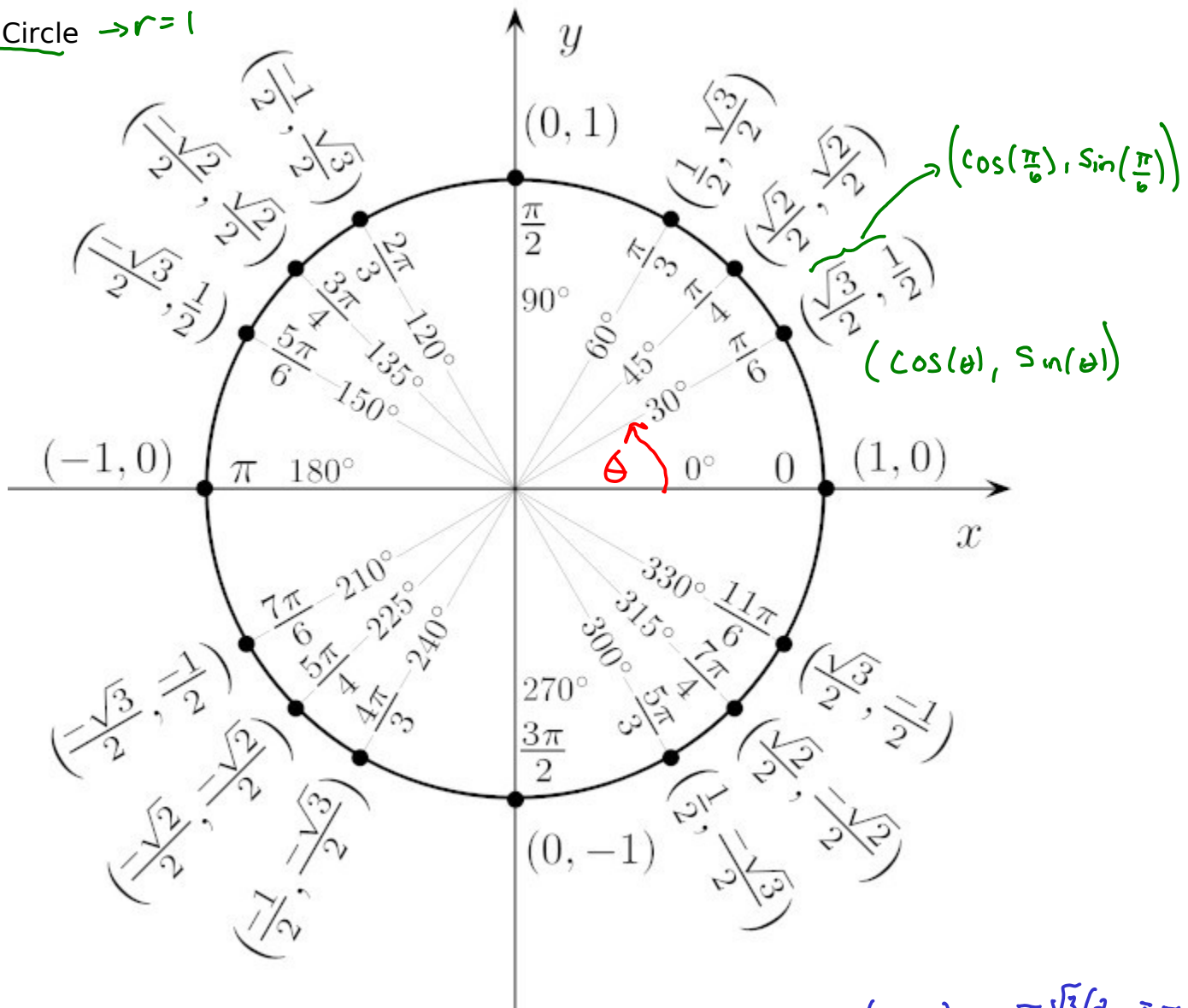


The Unit Circle $\rightarrow r=1$

$$x = \cos(\theta)$$

$$y = \sin(\theta)$$



$$\sin\left(\frac{2\pi}{3}\right) = \frac{\sqrt{3}}{2}, \quad \cos\left(\frac{7\pi}{6}\right) = -\frac{\sqrt{3}}{2}, \quad \tan\left(\frac{5\pi}{3}\right) = \frac{\sin\left(\frac{5\pi}{3}\right)}{\cos\left(\frac{5\pi}{3}\right)} = \frac{-\sqrt{3}/2}{1/2} = -\sqrt{3}$$