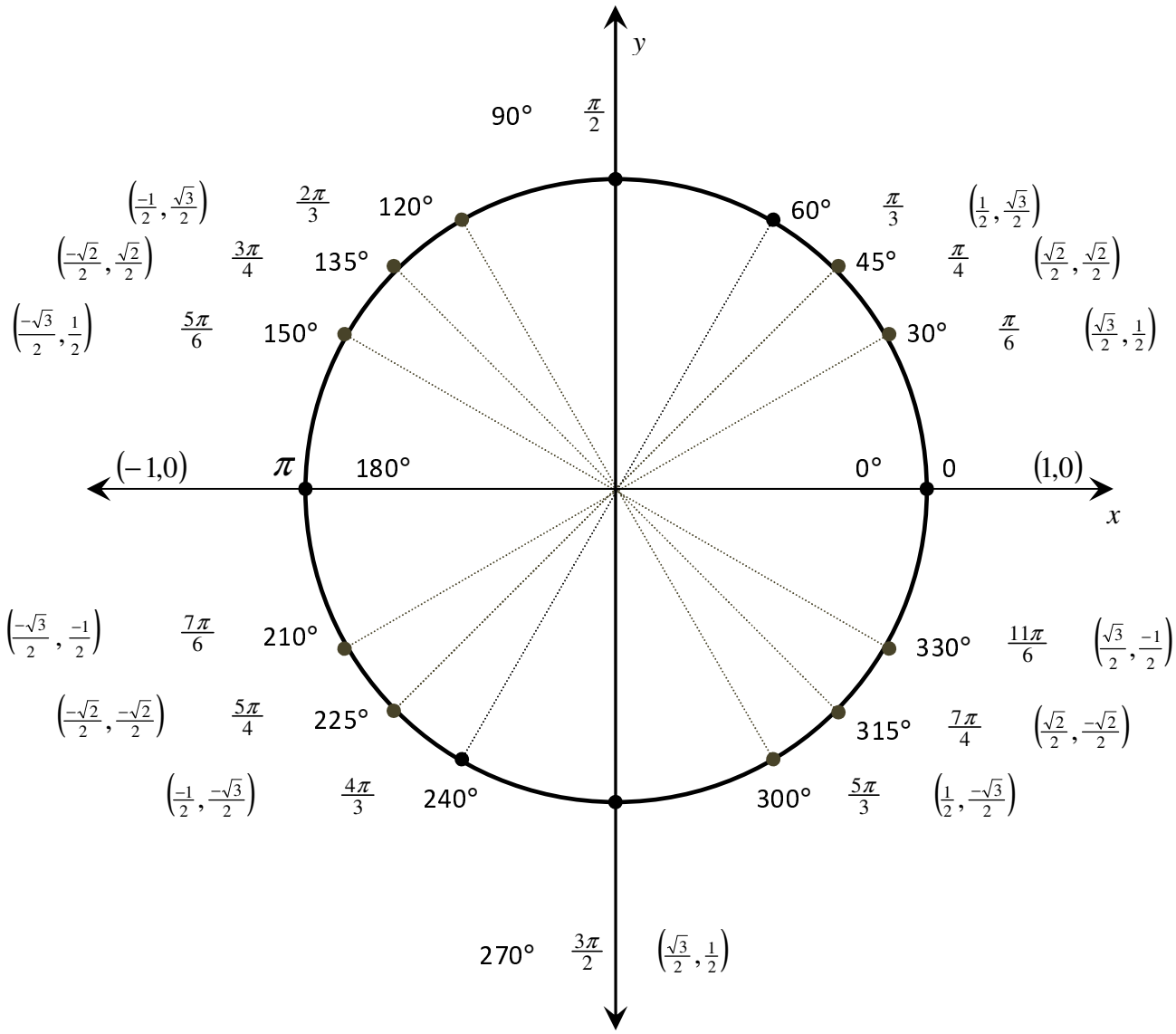
Trigonometry: Unit Circle Reference

$$\sin\theta = \frac{1}{\csc\theta} \qquad \tan\theta = \frac{1}{\cot\theta} = \frac{\sin\theta}{\cos\theta} \qquad \sin^2\theta + \cos^2\theta = 1$$

$$\sec^2\theta - \tan^2\theta = 1$$

$$\cos\theta = \frac{1}{\sec\theta} \qquad \cot\theta = \frac{1}{\tan\theta} = \frac{\cos\theta}{\sin\theta} \qquad \csc^2\theta - \cot^2\theta = 1$$

$$\sin x = \pm\sqrt{1-\cos^2 x} \qquad \cos x = \pm\sqrt{1-\sin^2 x}$$