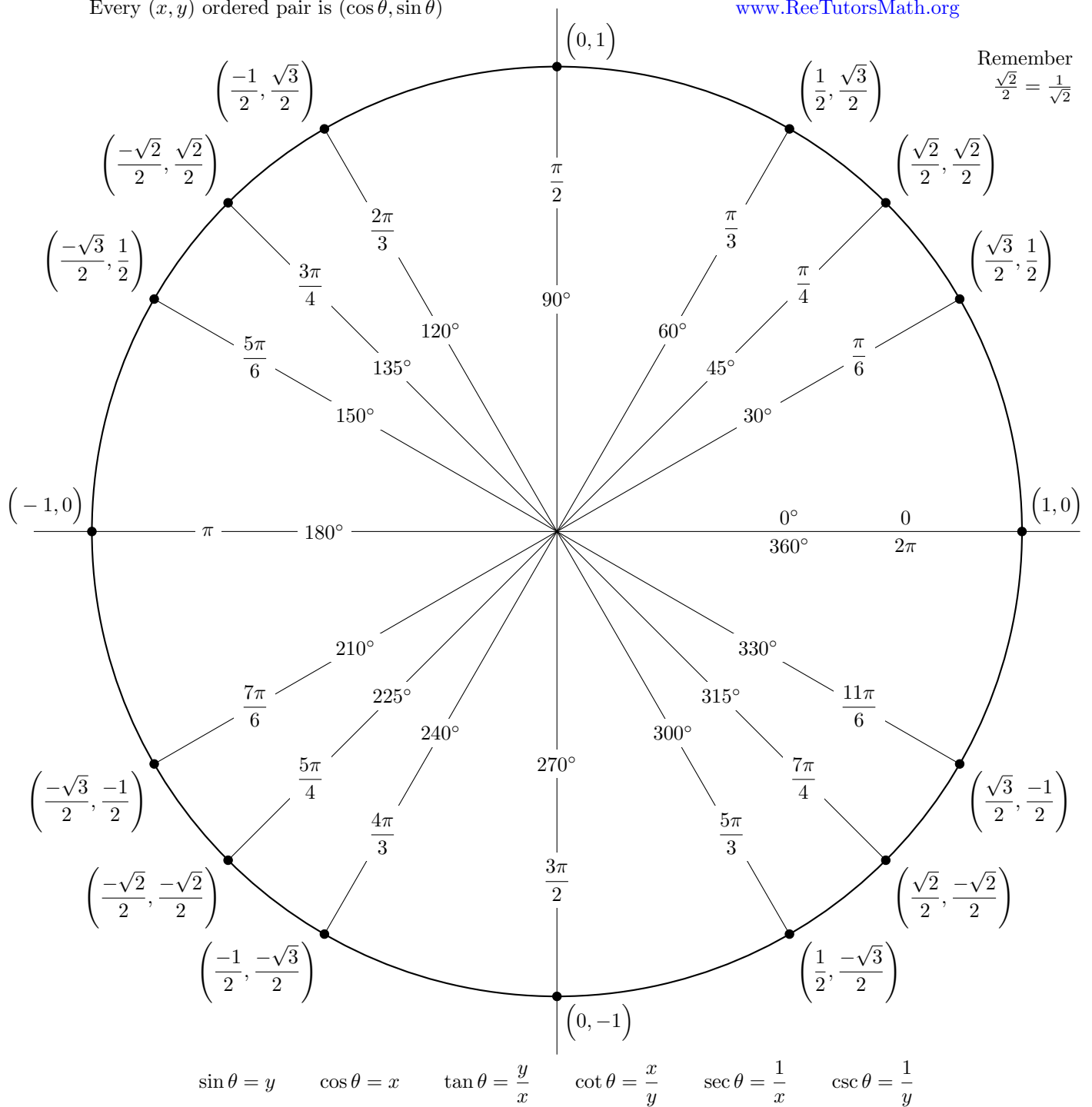


Unit Circle

Every (x, y) ordered pair is $(\cos \theta, \sin \theta)$

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Remember
 $\frac{\sqrt{2}}{2} = \frac{1}{\sqrt{2}}$



Quadrant 1 Tangents

$$\begin{aligned} \tan(0) &= \tan(0^\circ) = 0 \\ \tan(\pi/6) &= \tan(30^\circ) = \left(\frac{1}{\sqrt{3}}\right) = \left(\frac{\sqrt{3}}{3}\right) \\ \tan(\pi/4) &= \tan(45^\circ) = 1 \\ \tan(\pi/3) &= \tan(60^\circ) = \sqrt{3} \\ \tan(\pi/2) &= \tan(90^\circ) \text{ is undefined} \end{aligned}$$