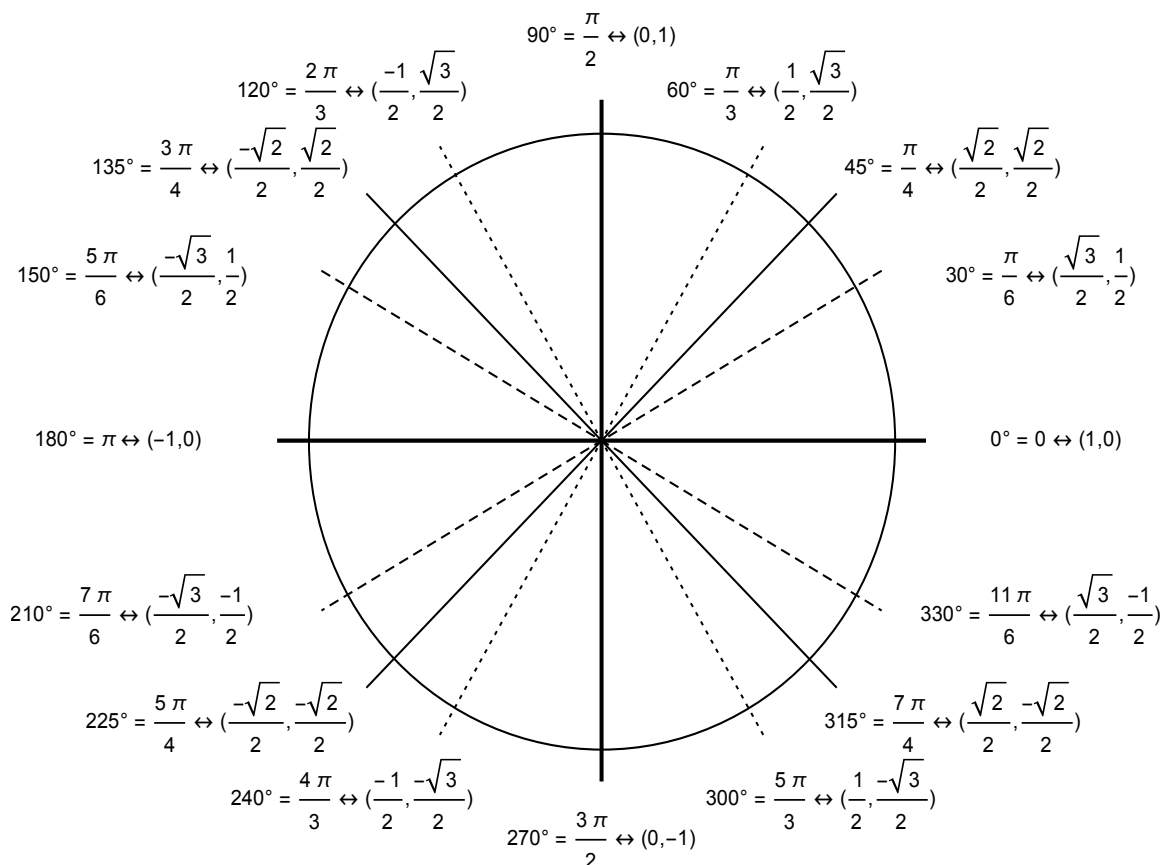


Below is a picture of the unit circle with all the special angles marked in radians and degrees. Each angle is associate to a point (x, y) where, as usual,

$$x = \cos \theta \quad \text{and} \quad y = \sin \theta.$$



Notice that for the diagonal angles with solid lines, the reference angle $\theta' = 45^\circ$. For the angles with dashed lines, $\theta' = 30^\circ$. For the angles with dotted lines, $\theta' = 60^\circ$.