Tao Unit Circle

y

$(0, 1)$

$\left(-\frac{1}{2}, \frac{\sqrt{3}}{2}\right)$ $\left(\frac{1}{2}, \frac{\sqrt{3}}{2}\right)$

$\left(-\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2}\right)$ $\left(\frac{\sqrt{2}}{2}, \frac{\sqrt{2}}{2}\right)$

$\left(-\frac{\sqrt{3}}{2}, \frac{1}{2}\right)$ $\left(\frac{\sqrt{3}}{2}, \frac{1}{2}\right)$

$\frac{\tau}{4}$

$\frac{\tau}{3}$ $\frac{\tau}{6}$

$\frac{3\tau}{8}$ $\frac{\tau}{8}$

$90°$

$\frac{5\tau}{12}$ $\frac{\tau}{12}$

$120°$ $60°$

$135°$ $45°$

$150°$ $30°$

$(-1, 0)$ $\frac{\tau}{2}$ $180°$ $0°$ τ $(1, 0)$ x

$210°$ $330°$

$225°$ $315°$

$\frac{7\tau}{12}$ $240°$ $300°$ $\frac{11\tau}{12}$

$\frac{5\tau}{8}$ $\frac{7\tau}{8}$

$270°$

$\left(-\frac{\sqrt{3}}{2}, -\frac{1}{2}\right)$ $\frac{2\pi}{3}$ $\frac{5\tau}{6}$ $\left(\frac{\sqrt{3}}{2}, -\frac{1}{2}\right)$

$\left(-\frac{\sqrt{2}}{2}, -\frac{\sqrt{2}}{2}\right)$ $\frac{3\tau}{4}$ $\left(\frac{\sqrt{2}}{2}, -\frac{\sqrt{2}}{2}\right)$

$\left(-\frac{1}{2}, -\frac{\sqrt{3}}{2}\right)$ $\left(\frac{1}{2}, -\frac{\sqrt{3}}{2}\right)$

$(0, -1)$