

You probably worked with the point  $\left(\frac{\sqrt{3}}{2}, -\frac{1}{2}\right)$ , which corresponds to the angle  $\frac{11\pi}{6}$ . However, the point  $\left(-\frac{1}{2}, \frac{\sqrt{3}}{2}\right)$  is where the angle  $\frac{2\pi}{3}$  radians or  $120^\circ$  intersects the unit circle.