

21 The terminal side of a $-\frac{\pi}{3}$ radian angle intersects the unit circle at the point $\left(\frac{1}{2}, -\frac{\sqrt{3}}{2}\right)$.

$$\sin\left(-\frac{\pi}{3}\right) = -\frac{\sqrt{3}}{2}$$

$$\cos\left(-\frac{\pi}{3}\right) = \frac{1}{2}$$

$$\tan\left(-\frac{\pi}{3}\right) = -\sqrt{3}$$

$$\csc\left(-\frac{\pi}{3}\right) = -\frac{2}{\sqrt{3}}$$

$$\sec\left(-\frac{\pi}{3}\right) = 2$$

$$\cot\left(-\frac{\pi}{3}\right) = -\frac{1}{\sqrt{3}}$$