

$$\text{Let } \tan \theta = \frac{1}{\sqrt{3}}, \quad \pi < \theta < \frac{3\pi}{2}$$

Find the value of a given trigonometric ratio using unit circles.

$$\cos \theta =$$

$$\sec \theta =$$

$$\sin \theta =$$

$$\csc \theta =$$

$$\cot \theta =$$