

$$28. \quad \csc \frac{9\pi}{4} = \csc \frac{\pi}{4} = \sqrt{2}$$

$$32. \quad \sin 405^\circ = \sin 45^\circ = \frac{1}{\sqrt{2}} = \frac{\sqrt{2}}{2}$$

$$36. \quad \sec \frac{13\pi}{6} = \sec \frac{\pi}{6} = \frac{2\sqrt{3}}{3}$$

$$30. \quad \cos \left(\frac{5\pi}{6} \right) = -\cos \frac{\pi}{6} = -\frac{\sqrt{3}}{2}$$

$$34. \quad \sec \left(\frac{22\pi}{3} \right) = \sec \left(\frac{4\pi}{3} \right) = -\sec \frac{\pi}{3} = -2$$

$$38. \quad \tan \frac{23\pi}{4} = \tan \frac{3\pi}{4} = -\tan \frac{\pi}{4} = -1$$