

Use the unit circle to determine the following. **Do not use calculator!!!!**

$$\cos 300^\circ =$$

$$\tan 120^\circ =$$

$$\sin \frac{7\pi}{3} =$$

$$\cos \frac{13\pi}{6} =$$

$$\tan \frac{13\pi}{4} =$$

$$\cot \frac{11\pi}{3} =$$

$$\sin^{-1} \left( -\frac{\sqrt{3}}{2} \right) =$$

$$\tan^{-1} \frac{1}{\sqrt{3}} =$$

$$\cos^{-1} \frac{1}{\sqrt{2}} =$$

$$\cos \left( \sin^{-1}(1) \right) =$$

$$\sin \left( \tan^{-1}(-\sqrt{3}) \right) =$$

$$\sin^{-1} \left( \cos \left( \frac{7\pi}{4} \right) \right) =$$

$$\cos^{-1} \left( \cos \left( \frac{7\pi}{6} \right) \right) =$$

$$\arcsin \left( \cos \left( \frac{\pi}{4} \right) \right) =$$

$$\arccos \left( \tan \left( \frac{7\pi}{4} \right) \right) =$$

$$\cos \left( \tan^{-1}(1) \right) =$$