

Name: _____ Quiz Score: _____/20

Quiz 7

NO CALCULATORS.

Give the exact value of each of the following or state "undefined."

1. $\cos^{-1}(0) =$ _____

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

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

4. $\cos^{-1}\left(-\frac{\sqrt{3}}{2}\right) =$ _____

5. $\tan^{-1}(-1) =$ _____

6. $\tan(\tan^{-1}(100)) =$ _____

7. $\cos\left(\cos^{-1}\left(\frac{6}{5}\right)\right) =$ _____

8. $\sin^{-1}\left(\sin\left(\frac{5\pi}{3}\right)\right) =$ _____

9. $\cos^{-1}\left(\cos\left(\frac{5\pi}{3}\right)\right) =$ _____

10. $\tan^{-1}\left(\tan\left(\frac{5\pi}{3}\right)\right) =$ _____