

Name: _____ Quiz Score: _____/20

Quiz 6

NO CALCULATORS.

Give the exact value of each of the following.

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

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

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

4. $\sin^{-1}(-1) =$ _____

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

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

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

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

9. $\sin\left(\sin^{-1}\left(\frac{2}{5}\right)\right) =$ _____

10. $\sin^{-1}\left(\sin\left(\frac{4\pi}{3}\right)\right) =$ _____