

Quiz 5

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Name: _____

1. Find the following angles:

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

(b) $\sin^{-1}\left(\sin\left(\frac{7\pi}{8}\right)\right)$.

2. Find $\tan\left(\sin^{-1}\left(-\frac{1}{5}\right)\right)$.

3. Find all solutions of the equation $\cos x = \frac{1}{3}$, in the interval $[0, 2\pi)$.

4. Find all real solutions of the equation $\sin x = -\frac{1}{2}$.