

[T-11-05-11-08]
Trig Values and Angles

■ Do these on a separate piece of paper that you will hand-in.

■ A. Find the following function values

[1] $\sin\left(-\frac{\pi}{6}\right)$

[2] $\cos\left(-\frac{\pi}{6}\right)$

[3] $\cos\left(\frac{5\pi}{4}\right)$

[4] $\sin\left(\frac{5\pi}{4}\right)$

[5] $\cos\left(\frac{-17\pi}{6}\right)$

[6] $\cos\left(-\frac{3\pi}{4}\right)$

[7] $\cos\left(-\frac{9\pi}{4}\right)$

[8] $\tan\left(\frac{\pi}{4}\right)$

■ B. Use a calculator find following function values (round to 4 decimal places)

[1] $\sin\left(\frac{\pi}{5}\right)$

[2] $\cos\left(\frac{\pi}{5}\right)$

[3] $\cos(32^\circ)$

[4] $\sin(32^\circ)$

[5] $\tan(16^\circ)$

[6] $\cos\left(\frac{\pi}{2}\right)$

■ Do these on a separate piece of paper that you will hand-in.

■ A. Find the following function values

[1] $-\frac{1}{2}$

[2] $\frac{\sqrt{3}}{2}$

[3] $-\frac{1}{\sqrt{2}}$

[4] $-\frac{1}{\sqrt{2}}$

[5] $-\frac{\sqrt{3}}{2}$

[6] $-\frac{1}{\sqrt{2}}$

[7] $\frac{1}{\sqrt{2}}$

[8] 1

■ B. Use a calculator find following function values (round to 4 decimal places)

[1] -0.9589242746631385

[2] 0.809017

[3] 0.984239

[4] 0.0887719

[5] 0.0891237

[6] 0