

Week 8:  $\sin^{-1}$  &  $\cos^{-1}$

11/17/2017

1.  $\sin^{-1}(\frac{1}{2}) = \frac{\pi}{6}$  or  $\frac{5\pi}{6}$   
2.  $\cos^{-1}(\frac{1}{2}) = \frac{\pi}{3}$  or  $\frac{2\pi}{3}$   
3.  $\sin^{-1}(\frac{\sqrt{3}}{2}) = \frac{\pi}{3}$  or  $\frac{2\pi}{3}$   
4.  $\cos^{-1}(\frac{\sqrt{3}}{2}) = \frac{\pi}{6}$  or  $\frac{5\pi}{6}$   
5.  $\sin^{-1}(\frac{\sqrt{2}}{2}) = \frac{\pi}{4}$  or  $\frac{3\pi}{4}$   
6.  $\cos^{-1}(\frac{\sqrt{2}}{2}) = \frac{\pi}{4}$  or  $\frac{3\pi}{4}$   
7.  $\sin^{-1}(\frac{\sqrt{3}}{2}) = \frac{\pi}{3}$  or  $\frac{2\pi}{3}$   
8.  $\cos^{-1}(\frac{\sqrt{3}}{2}) = \frac{\pi}{6}$  or  $\frac{5\pi}{6}$   
9.  $\sin^{-1}(\frac{\sqrt{2}}{2}) = \frac{\pi}{4}$  or  $\frac{3\pi}{4}$   
10.  $\cos^{-1}(\frac{\sqrt{2}}{2}) = \frac{\pi}{4}$  or  $\frac{3\pi}{4}$

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