

Similar to numbers 1 and 2 of  
department handout: Inverse  
Trig Functions

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

Similar to numbers 9 and 10  
of department handout:  
Inverse Trig Functions

$$\cos\left(\arcsin\left(\frac{5}{7}\right)\right)$$

Similar to numbers 20 thru 23  
of department handout:  
Inverse Trig Functions

$$\sin(\tan^{-1}(-4))$$

Similar to numbers 4 of department handout Inverse Trig Functions and to all problems in the Composition of a Trig Functions with its Own Inverse handout

$$\cos^{-1}\left(\cos\frac{9\pi}{8}\right)$$

$$\sin^{-1}\left(\sin\frac{9\pi}{8}\right)$$

$$\tan^{-1}\left(\tan\frac{9\pi}{8}\right)$$

Similar to number 26 of the department handout: Inverse Trig Functions

$$\sin\left(\tan^{-1}\frac{6}{7} + \cos^{-1}\left(\frac{-1}{3}\right)\right)$$