Problems	Fold here	Answers
$\cos(\sin^{-1}(-\sqrt{2}/2))$		$\sqrt{2}/2$
$\sin(\tan^{-1}(-\sqrt{3}/3))$		$-1/2$
$\sec(\csc^{-1}(-2))$		$2\sqrt{3}/3$
$\sin^{-1}(\cos(3\pi/4))$		$-\pi/4$
$\sin(\sec^{-1}(2))$		$\sqrt{3}/2$
$\sec(\sec^{-1}(-2\sqrt{3}/3))$		$-2\sqrt{3}/3$
$\sec(\sin^{-1}(-\sqrt{2}/2))$		$\sqrt{2}$
$\cos(\sin^{-1}(-1/2))$		$\sqrt{3}/2$
$\sin^{-1}(\cos(3\pi/4))$		$-\pi/4$
$\cot(\tan^{-1}(-1))$		-1
$\sin(\cot^{-1}(-\sqrt{3}/3))$		$\sqrt{3}/2$
$\cos(\tan^{-1}(-\sqrt{3}/3))$		$\sqrt{3}/2$
$\cos^{-1}(\sin(2\pi/3))$		$\pi/6$
$\tan^{-1}(\tan(\pi/4))$		$\pi/4$
$\cos(\sec^{-1}(2\sqrt{3}/3))$		$\sqrt{3}/2$
$\cot^{-1}(\cot(\pi/4))$		$\pi/4$
$\cot^{-1}(\tan(\pi/3))$		$\pi/6$
$\sin(\sec^{-1}(2\sqrt{3}/3))$		½
$\tan^{-1}(\tan(\pi/3))$		$\pi/3$
$\cos^{-1}(\cos(\pi/2))$		$\pi/2$
$\cot^{-1}(\sin(\pi/2))$		$\pi/4$
$\cos^{-1}(\cot(3\pi/4))$		π
$\cos(\tan^{-1}(\sqrt{3}/3))$		$\sqrt{3}/2$
$\cot(\sin^{-1}(-\sqrt{3}/2))$		$-\sqrt{3}/3$
$\sin^{-1}(\sin(\pi/3))$		$\pi/3$
$\sec(\cos^{-1}(1/2))$		2
$\sec(\csc^{-1}(-\sqrt{2}))$		$\sqrt{2}$