

## Even / Odd Identities

Use even-odd identities to find the exact value of each trigonometric expression.

1)  $\frac{-\sec(-45^\circ)}{\csc(-30^\circ) \sin(-30^\circ)}$

2)  $\cos\left(-\frac{\pi}{6}\right) + 2 - \sec\left(-\frac{\pi}{3}\right)$

3)  $\cos\left(-\frac{\pi}{2}\right)$

$-\tan(-60^\circ)$

5)  $\frac{\sec(-60^\circ)}{\csc(-90^\circ)}$

$\left) + \sin\left(-\frac{\pi}{4}\right)$

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7)  $\csc(-45^\circ) + 7$

8)  $15(3 - 4 \sec(-30^\circ))$