

## Evaluate - Allied Angles

Evaluate each expression.

1)  $3 + \sin \frac{9\pi}{4} - \sec \left( -\frac{10\pi}{3} \right)$

2)  $\frac{\sin 945^\circ}{\sec (-1665^\circ) - \csc 390^\circ}$

3)  $\frac{\cos 330^\circ \cos ( \dots )}{3 \sin 240^\circ \tan ( \dots )}$

$\cot \frac{19\pi}{4}$   
 $\tan \frac{23\pi}{6}$

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5)  $\cos \frac{43\pi}{6} + \csc ( \dots )$

$35^\circ \cot^2 630^\circ$