

## Solve - Cofunction Identities

Solve using cofunction identities.

1)  $\cos \frac{5\pi}{14} = \sin \left( x - \frac{2\pi}{7} \right)$

2)  $\sec x = \csc \frac{2\pi}{9}$

3)  $\sin \left( \frac{\pi}{30} + 9x \right)$

# PREVIEW

$\left. \right) = \tan \left( \frac{11x}{8} - \frac{\pi}{36} \right)$

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5)  $\cos \left( \frac{\pi}{12} + 2x \right)$

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$\sec \frac{x}{3}$

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7)  $\cot 4x = \tan \frac{\pi}{8}$

8)  $\tan \left( 13x + \frac{\pi}{10} \right) = \cot \frac{\pi}{15}$