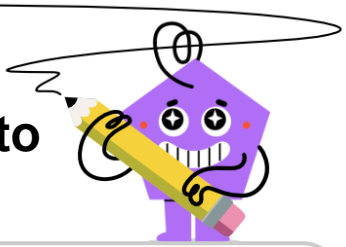
Name

Trigonometry Identities - Co-Function to Identity (Radians)



1

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

Complete the cofunction identity for this expression

A	B
$= \csc\left(\frac{\pi}{2} - \frac{\pi}{4}\right)$	$= \cos\left(\frac{\pi}{2} - \frac{\pi}{4}\right)$

2

$\tan\left(\frac{\pi}{4}\right)$

Complete the cofunction identity for this expression

A	B
$= \cot\left(\frac{\pi}{2} - \frac{\pi}{4}\right)$	$= \cot\left(\frac{\pi}{2} + \frac{\pi}{4}\right)$

3

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

Complete the cofunction identity for this expression

A	B
$= \sin\left(\frac{\pi}{2} - \frac{2\pi}{3}\right)$	$= \sec\left(\frac{\pi}{2} - \frac{2\pi}{3}\right)$

4

$\csc\left(\frac{\pi}{6}\right)$

Complete the cofunction identity for this expression

A	B
$= \sin\left(\frac{\pi}{2} - \frac{\pi}{6}\right)$	$= \sec\left(\frac{\pi}{2} - \frac{\pi}{6}\right)$

5

$\csc\left(\frac{11\pi}{6}\right)$

Complete the cofunction identity for this expression

A	B
$= \sec\left(\frac{\pi}{2} - \frac{11\pi}{6}\right)$	$= \sin\left(\frac{\pi}{2} - \frac{11\pi}{6}\right)$

6

$\csc\left(\frac{5\pi}{6}\right)$

Complete the cofunction identity for this expression

A	B
$= \sin\left(\frac{\pi}{2} - \frac{5\pi}{6}\right)$	$= \sec\left(\frac{\pi}{2} - \frac{5\pi}{6}\right)$

7

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

Complete the cofunction identity for this expression

A	B
$= \cot\left(\frac{\pi}{2} - \frac{2\pi}{3}\right)$	$= \cot\left(\frac{\pi}{2} + \frac{2\pi}{3}\right)$

8

$\sin\left(\frac{\pi}{3}\right)$

Complete the cofunction identity for this expression

A	B
$= \csc\left(\frac{\pi}{2} - \frac{\pi}{3}\right)$	$= \cos\left(\frac{\pi}{2} - \frac{\pi}{3}\right)$