Name

Trigonometry Identities - Pythagorean (Cot^2 and Csc^2) to Identity (Radians)

1

$\csc^2\left(\frac{11\pi}{6}\right)$

Complete the pythagorean trig identity for this expression

A	B
$=\cot^2\left(\frac{11\pi}{6}\right)-1$	$=\cot^2\left(\frac{11\pi}{6}\right)+1$

2

$\csc^2\left(\frac{4\pi}{3}\right)$

Complete the pythagorean trig identity for this expression

A	B
$=\tan^2\left(\frac{4\pi}{3}\right)-1$	$=\cot^2\left(\frac{4\pi}{3}\right)+1$

3

$\csc^2\left(\frac{5\pi}{4}\right)$

Complete the pythagorean trig identity for this expression

A	B
$=\cot^2\left(\frac{5\pi}{4}\right)+1$	$=\cot^2\left(\frac{5\pi}{4}\right)-1$

4

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

Complete the pythagorean trig identity for this expression

A	B
$=1-\csc^2\left(\frac{\pi}{3}\right)$	$=\csc^2\left(\frac{\pi}{3}\right)-1$

5

$\csc^2\left(\frac{7\pi}{6}\right)$

Complete the pythagorean trig identity for this expression

A	B
$=\tan^2\left(\frac{7\pi}{6}\right)-1$	$=\cot^2\left(\frac{7\pi}{6}\right)+1$

6

$\cot^2\left(\frac{3\pi}{4}\right)$

Complete the pythagorean trig identity for this expression

A	B
$=\csc^2\left(\frac{3\pi}{4}\right)-1$	$=1-\csc^2\left(\frac{3\pi}{4}\right)$

7

$\cot^2\left(\frac{\pi}{6}\right)$

Complete the pythagorean trig identity for this expression

A	B
$=1-\csc^2\left(\frac{\pi}{6}\right)$	$=\csc^2\left(\frac{\pi}{6}\right)-1$

8

$\csc^2\left(\frac{7\pi}{4}\right)$

Complete the pythagorean trig identity for this expression

A	B
$=\cot^2\left(\frac{7\pi}{4}\right)+1$	$=\tan^2\left(\frac{7\pi}{4}\right)-1$