Simplify Trigonometric Expressions

Fundamental Identities (Review)

Fundamental Identities			
Reciprocal Identities	$\csc x = \frac{1}{\sin x}$	$\sec x = \frac{1}{\cos x}$	$\cot x = \frac{1}{\tan x}$
	$\sin x = \frac{1}{\csc x}$	$\cos x = \frac{1}{\sec x}$	$\tan x = \frac{1}{\cot x}$
Quotient Identities	$\tan x = \frac{\sin x}{\cos x}$	$\cot x = \frac{\cos x}{\sin x}$	
Pythagorean Identities	$\sin^2 x + \cos^2 x = 1$	$\tan^2 x + 1 = \sec^2 x$	$1 + \cot^2 x = \csc^2 x$
Even and Odd Identities	$\sin(-x) = -\sin x$	$\cos(-x) = \cos x$	
	$\csc(-x) = -\csc x$	$\sec(-x) = \sec x$	
	$\tan(-x) = -\tan x$	$\cot(-x) = -\cot x$	