Trigonometric Identities for Chapter 5 Test

Name _____

Pythagorean Identities:	**Alternative Pythagorean Identities:**
Sine/Cosine:	$\sin^2 A =$ $\cos^2 A =$
Tan/Sec:	Cot/Csc:

Negative Angle Identities:

$\cos(-A) =$ $\sin(-A) =$ $\tan(-A) =$

Sum and Difference Formulas:	**Double Angle Formulas:**
$\cos(A + B) = \cos A \cdot \cos B - \sin A \cdot \sin B$	$\sin(2A) =$
$\cos(A - B) =$	$\cos(2A) = \cos^2 A - \sin^2 A$
$\sin(A + B) =$	$\cos(2A) =$
$\sin(A - B) =$	$\cos(2A) =$
$\tan(A + B) = \dfrac{\tan A + \tan B}{1 - \tan A \cdot \tan B}$	$\tan(2A) =$
$\tan(A - B) =$	