Math 229: Summary of Identities

Name: _____

Class Time: _____

Fundamental Identities

Reciprocal	Ratio	Even/Odd
$\sec(\theta) =$ $\csc(\theta) =$ $\cot(\theta) =$	$\tan(\theta) =$ $\cot(\theta) =$	$\cos(-\theta) =$ $\sec(-\theta) =$ $\sin(-\theta) =$ $\tan(-\theta) =$ $\csc(-\theta) =$ $\cot(-\theta) =$

Pythagorean: Write all three identities

Sum and Difference of Angles

$\cos(A + B) =$ $\cos(A - B) =$	$\sin(A + B) =$ $\sin(A - B) =$

Double Angle Identities

(write all 3 forms of the identity) $\cos(2\theta) =$ $=$ $=$	$\sin(2\theta) =$