Trigonometry Identities & Formulas [QUIZ #9A+B]   Name _____

Reciprocal Identities

$\sin\theta =$ $\cos\theta$ $\tan\theta =$ $\cot\theta =$ $\csc\theta =$ $\sec\theta =$

Quotient Identities

$\tan\theta =$ $\cot\theta =$

Pythagorean Identities

_____   _____   _____

Negative Angle Identities

$\sin(-\theta) =$ _____ $\cos(-\theta) =$ _____ $\tan(-\theta) =$ _____

$\csc(-\theta) =$ _____ $\sec(-\theta) =$ _____ $\cot(-\theta) =$ _____

Difference Formulas

$\cos(A - B) =$ _____

$\sin(A - B) =$ _____

$\tan(A - B) =$

Sum Formulas

$\cos(A + B) =$ _____

$\sin(A + B) =$ _____

$\tan(A + B) =$

Double Angle Formulas

$\cos 2A =$ _____   or $\cos 2A =$ _____   or $\cos 2A =$ _____

$\sin 2A =$ _____ $\tan 2A =$

Power Reducing Formulas

$\sin^2 u =$ $\cos^2 u =$ $\tan^2 u =$