Trig Cut Ups

by David Pleacher

Rearrange the sixteen squares to form one large square in which all matching sides form trigonometric identities.

$\sin^2 A + \cos^2 A$ $\sec^2 A - \tan^2 A$	$\sec A$ $\frac{\sin A}{\cos A}$ $\frac{1}{\csc A}$ $\frac{\sin^2 A}{1 + \cos A}$	1 $\csc^2 A$ $\sin^2 A$ $\tan A \cos A$	$\cot A \sin A$ 1 $1 - \cos A$
$\sin A$ $\cos A$ $\sin^2 A \cot^2 A$	$\cos A \sec A$ $\cos A$ $\sec^2 A$ $\tan A \cos A$	$\cos A$ $\frac{\cos^2 A}{1 + \sin A}$ $\tan A$	$\sin A \cot A$ $\tan^2 A$ $\tan^2 A \cos^2 A$
$1 + \tan^2 A$ $\frac{1}{\cot A}$ $\frac{1}{\sec A}$ $\frac{1}{\cos A}$	$1 - \sin A$ $\sin^2 A$	$\frac{1}{\cot A}$ $\sin A$	$\cot^2 A + 1$ $\frac{1}{\sin A}$ $\frac{\sin A}{\cos A}$
$\tan A$ $\csc A$ 1	$\frac{1}{\sec A}$ $\frac{\cos A}{\cot A}$	$\cos^2 A$ $\frac{1}{\csc A}$ $1 - \cos^2 A$	$\frac{\sin A}{\tan A}$ $\sec^2 A - 1$ $\sin A$