

$\operatorname{cosec}^2 \theta$	$\cot \theta$	$\sec \theta$	$\sec^2 \frac{1}{2} \theta$
$\sin \theta \cot \theta =$	$\sec^2 \theta$	$\operatorname{cosec} \theta$	$(\sec \theta - 1)(\sec \theta + 1) =$
$\tan^2 \theta$	Finish	$\cot \theta$	$\cos \theta$
$\tan \theta$	$\frac{1}{\cos \theta}$	$1 + \tan^2 \theta =$	$\frac{\sin \theta}{\cos \theta}$
$\frac{\cos \theta}{\sin \theta}$	$\frac{1}{\tan \theta}$	$\cos^2 \theta + \sin^2 \theta = 1$	$\frac{1}{\sin \theta}$
$1 + \tan^2 \frac{1}{2} \theta =$	$\sin^2 \theta = 1 - \cos^2 \theta$	Start	$1 + \cot^2 \theta =$