

Name: \_\_\_\_\_ Per: \_\_\_\_\_ Date: \_\_\_\_\_

Trigonometric Identities

$\cos \theta \tan \theta$	$\sin \theta \sec \theta \tan \theta$
$\sin \theta \cos \theta \tan \theta$	$\cot^2 \theta \sec \theta \tan \theta$
$\sin \theta \sec \theta \tan^2 \theta$	$\sin^2 \theta \cos \theta \cot \theta \csc \theta$
$\sin \theta \csc \theta + \tan \theta \frac{\cos \theta}{\sin \theta}$	$\left( \cot \theta \csc \theta + \frac{\cos \theta}{\sin^2 \theta} \right) \tan \theta$

$$\frac{\cos \theta}{\left(\frac{1}{\sec \theta}\right)}$$

$$\frac{\cot \theta}{\left(\frac{1}{\sec \theta}\right)}$$

$$\frac{\frac{\cos \theta}{\sin \theta}}{\frac{1}{\cot \theta}}$$

$$\frac{\cos \theta \cot \theta}{\frac{1}{\sec \theta}}$$

$$\frac{\sin \theta \sec \theta \tan \theta}{\frac{\sin \theta}{\cos \theta}}$$

$$\frac{\cot^2 \theta \sin \theta}{\csc \theta}$$

$$\frac{\frac{\cot \theta}{\cos \theta}}{\frac{\sin \theta}{\sin \theta}} + \sin \theta \csc \theta$$
$$\frac{\sin \theta \csc \theta + \tan \theta \frac{\cos \theta}{\sin \theta}}{\sin \theta \csc \theta + \tan \theta \frac{\cos \theta}{\sin \theta}}$$