

**tan x**

$$(\sin x + \cos x)^2 + (\sin x - \cos x)^2$$

**2**

$$\frac{\sec x + \csc x}{1 + \tan x}$$

**CSC X**

$$\frac{\cos x}{1 + \sin x} + \frac{1 + \sin x}{\cos x}$$

**$2\sec x$**

**$\sin x \cot x + \cos x$**

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**$2 \cot x$**

**sin x**

**sec x - csc x**

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**sec x csc x**

$$\sin x - \cos x$$

$$\sin x (\tan x + \cot x)$$

**sec x**

**sec x - cos x - sin x tan x**

**0**

$$\frac{\csc^2 x}{\cot x}$$



**csc x sec x**

$$\frac{1}{\sin x} - \frac{1}{\csc x}$$

**cot x cos x**

$$\frac{1}{\tan x} + \frac{1}{\cot x}$$

$$\tan x + \cot x$$

$$2 - \sec^2 x$$

$$1 - \tan^2 x$$

$$(1 + \sin x)(1 - \sin x)$$

$$\cos^2 x$$

$$(\csc x - \cot x)(\sec x + 1)$$