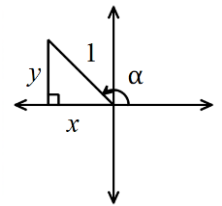


Pythagorean Identities:



Cofunction Identities: Equations that have a phase shift so they are the same

$\sin x =$

$\sin x =$

$\cos x =$

$\cos x =$

$\tan x =$

$\tan x =$

$\csc x =$

$\csc x =$

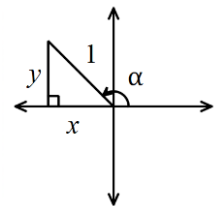
$\sec x =$

$\sec x =$

$\cot x =$

$\cot x =$

Pythagorean Identities:



Cofunction Identities: Equations that have a phase shift so they are the same

$\sin x =$

$\sin x =$

$\cos x =$

$\cos x =$

$\tan x =$

$\tan x =$

$\csc x =$

$\csc x =$

$\sec x =$

$\sec x =$

$\cot x =$

$\cot x =$

Even functions:

Even Identities:

$$\cos x =$$

$$\sec x =$$

Odd Functions:

Odd Identities:

$$\sin x =$$

$$\tan x =$$

$$\csc x =$$

$$\cot x =$$

Sum and Difference Identities:

$$\cos(\alpha + \beta) =$$

$$\cos(\alpha - \beta) =$$

$$\sin(\alpha + \beta) =$$

$$\sin(\alpha - \beta) =$$

$$\tan(\alpha + \beta) =$$

$$\tan(\alpha - \beta) =$$

Mnemonic device:

Even functions:

Even Identities:

$$\cos x =$$

$$\sec x =$$

Odd Functions:

Odd Identities:

$$\sin x =$$

$$\tan x =$$

$$\csc x =$$

$$\cot x =$$

Sum and Difference Identities:

$$\cos(\alpha + \beta) =$$

$$\cos(\alpha - \beta) =$$

$$\sin(\alpha + \beta) =$$

$$\sin(\alpha - \beta) =$$

$$\tan(\alpha + \beta) =$$

$$\tan(\alpha - \beta) =$$

Mnemonic device: