AP Calculus

# Trigonometric Derivatives
## you MUST know ...COLD!

# (sin x)

?

# (sin x)

$$\cos x$$

# (cos x)

?

# (COS X)

$$-\ sin\ x$$

# (tan x)

?

# (tan x)

$$\sec^2 x$$

# (sec x)

?

# (sec x)

$$\sec x \, \tan x$$

# (cot x)

?

# (cot x)

$$-\csc^2 x$$

( )

?

$$- \csc x \cot x$$