

Trigonometric Identities

$\tan \theta =$

$\cot \theta =$

$\csc \theta =$

$\sec \theta =$

$x^2 + y^2 =$

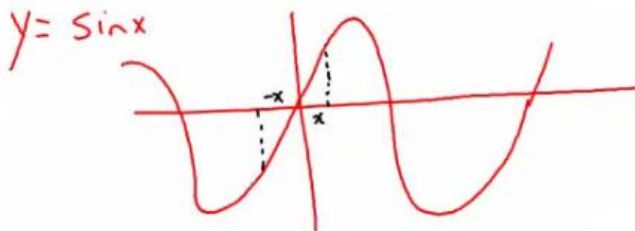
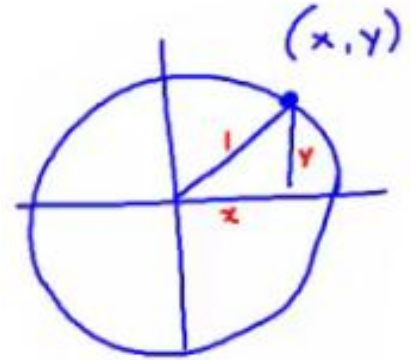
$\cos \theta =$

$\cos^2 \theta + \sin^2 \theta =$

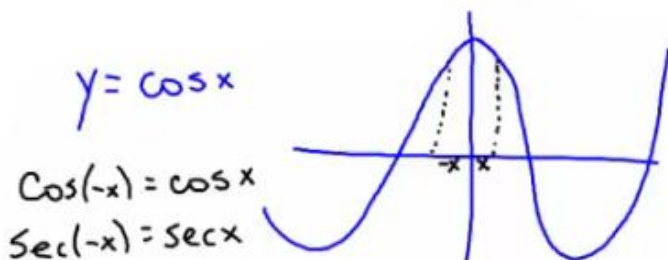
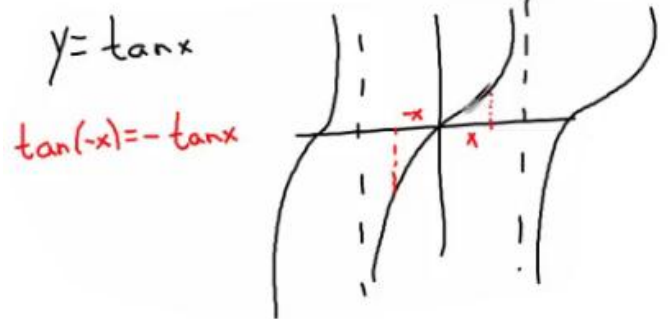
$\sin \theta =$

Pythagorean Identities

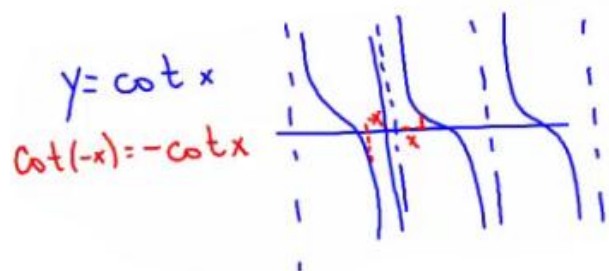
$\cos^2 \theta + \sin^2 \theta = 1$



$\sin(-x) = -\sin x$
 $\csc(-x) = -\csc x$



$\cos(-x) = \cos x$
 $\sec(-x) = \sec x$



$$(1 - \cos^2 \theta)(1 + \cot^2 \theta) =$$

$$\frac{\sec \theta}{\csc \theta} + \frac{\sin \theta}{\cos \theta} = 2 \tan \theta$$

$$\ln|1 + \cos \theta| + \ln|1 - \cos \theta| = 2 \ln|\sin \theta|$$