Common Identities

Pythagorean

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

$\tan^2 x + 1 = \sec^2 x$

$\cot^2 x + 1 = \csc^2 x$

Double Angle

$\sin(2\theta) = 2\sin\theta\cos\theta$

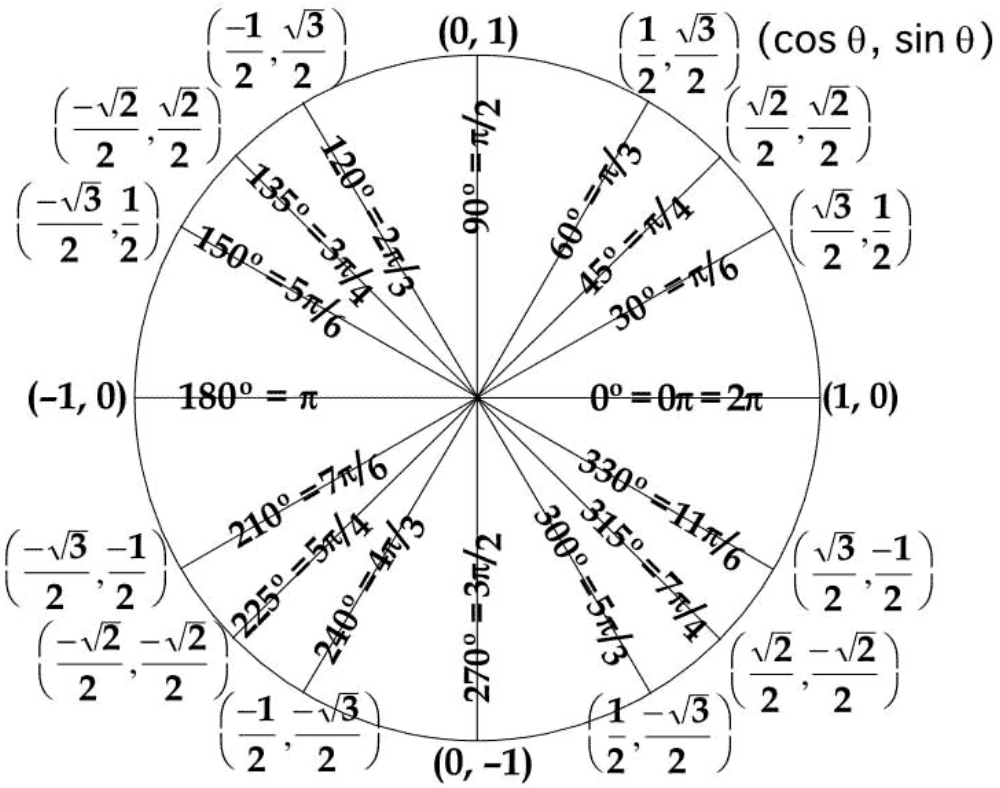
$\cos(2\theta) = 1 - 2\sin^2\theta$

Odd/Even

$\sin(-\theta) = -\sin\theta$

$\cos(-\theta) = \cos\theta$

$\tan(-\theta) = -\tan\theta$



Common Identities

Pythagorean

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

$\tan^2 x + 1 = \sec^2 x$

$\cot^2 x + 1 = \csc^2 x$

Double Angle

$\sin(2\theta) = 2\sin\theta\cos\theta$

$\cos(2\theta) = 1 - 2\sin^2\theta$

Odd/Even

$\sin(-\theta) = -\sin\theta$

$\cos(-\theta) = \cos\theta$

$\tan(-\theta) = -\tan\theta$