50/ $\cos^2 x - \sin^2 x = 2\cos^2 x - 1$

$\cos^2 - (1 - \cos^2)$ pythag ID

$\cos^2 - 1 + \cos^2$

$2\cos^2 x - 1$

Pythag Pair

$\sin^2/\cos^2$

$\cot^2/\csc^2$

$\tan^2/\sec^2$

51/ $2\cos^2 x - 1 = 1 - 2\sin^2 x$

$\cos^2 x + \cos^2 x - 1$

$1 - \sin^2 + 1 - \sin^2 - 1$

$1 - 2\sin^2 x$

34

$\cos(-x) - \sin(-x) = \cos x + \sin x$

even/odd

$\cos x - (-\sin x)$

$\cos x + \sin x$