

Recall that $\sin^2 x = 1 - \cos^2 x$. Write an expression for each trig function squared in terms of one of the other trig functions.

a) $\cos^2 x$

b) $\tan^2 x$

c) $\cot^2 x$

d) $\sec^2 x$

e) $\csc^2 x$