

Express each of the other trigonometric functions of  $t$  in terms of  $\sec t$ .

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The math problem:

Express each of the other trigonometric functions of  $t$  in terms of  $\sec t$ .

Can this be done with  $\csc t$  and  $\sin t$  since they do not contain  $x$  (ie  $\cos t = x$  therefore one can determine  $\cos t$  in terms of  $\sec t$  because  $\sec t = 1/x$ ).

Thanks for all your help.

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