ANSWERS

A)_____

B)_____

C)_____

A)   If $\sec^2(x) + \tan(x) = 1$ and $\tan(x) + \csc(x) = y$ find all exact real values for y.

B)   Given $Sin(Sin^{-1}(2x+1)) = \dfrac{5}{27x+3}$ find exact values for all possible x.

C)   Given $Cos^{-1}(Cos(2x+1)) = \dfrac{5}{x+2}$ find all possible <u>rational</u> values for x.