$\sec X = \dfrac{1}{\cos X} = \dfrac{1}{\frac{15}{17}} = \dfrac{17}{15}$

Now, from the definitions: $\sin X = \dfrac{opp}{hyp} = \dfrac{8}{17}$ and $\cos X = \dfrac{adj}{hyp} = \dfrac{15}{17}$

A triangle with $opp = 8$, $hyp = 17$, and $adj = 15$ will have these ratios.

So: $\tan X = \dfrac{opp}{adj} = \dfrac{8}{15}$