You may have mistakenly used a $30^{\circ} - 60^{\circ} - 90^{\circ}$ triangle and found sec 30° .

Refer to the $45^{\circ} - 45^{\circ} - 90^{\circ}$ triangle. From there you can see that $\tan 45^{\circ} = 1$. It follows that $x = 45^{\circ}$. The correct answer is $\sqrt{2}$.