Correct. The acute angles are complementary, so $m\angle Z = 45°$. This is a $45° - 45° - 90°$ triangle. In this type of triangle, the length of the hypotenuse is $\sqrt{2}$ times the length of the leg. So:

$$x = \sqrt{2} \cdot \frac{\sqrt{2}}{2} = \frac{\sqrt{2} \cdot \sqrt{2}}{2} = \frac{2}{2} = 1$$