for $\chi'=\frac{1}{2}$ ($\chi=\frac{1}{2}$) we can plugin this value of χ in eqn (i) and get the below: $4\lambda y - \lambda x - 1 = 0 \qquad (7i)$ or x (4y- \(\frac{12}{2}\)=1 or 42y- 12x. x=1 or y = 1+12x.x Now, me replace these values of a & y m the constraint. or $\sqrt{2\lambda} + 2 \times \left(\frac{1 + \sqrt{2\lambda} - \lambda}{2 \times \lambda}\right) = 0$ or 2. 1. 121 + 1+ 121. 1 = 0 3/-12/ =- 1/= ASDIA or $\lambda - \sqrt{2\lambda} = -\frac{1}{3}$ or $\lambda^2 \times 2\lambda = \frac{1}{9}$ or $\lambda^3 = \frac{1}{18}$ or $\lambda = 3\frac{1}{18}$ $\chi = + \sqrt{2} = + \sqrt{2} \times \frac{1}{18} = \sqrt{2} \times \frac{1}{3^{2/5} \times 2^{1/3}}$ $=\sqrt{\left(\frac{2}{3}\right)^{2/3}}$ = $\left(\frac{2}{3}\right)$ = 1 + x x =

For x= (2)113,4 y is always the which mean