



$$\begin{aligned} P(x \geq 1) &= 1 - P(x \leq 1) \\ &= 1 - F_x(1) \\ &= 1 - \frac{1}{4} = \frac{3}{4} \end{aligned}$$

$$\begin{aligned} P(x \leq 0,5) &= F_x(0,5) \\ &= \frac{0,5^2}{4} = 0,0625 \end{aligned}$$

$$\begin{aligned} P(1 \leq x \leq 1,5) &= F_x(1,5) - F_x(1) \\ &= \frac{1,5^2}{4} - \frac{1}{4} = 0,3125 \end{aligned}$$