15 **1.** Dans la loi de Poisson on a :

$E(X) = \lambda$ (moyenne) ;

donc $\lambda = \dfrac{225}{300} = 0,75$.

2. a) $P(X = 2) = \mathbf{0,1329}$.

b) $P(X < 2) = P(X \leqslant 1) = \mathbf{0,8266}$.

c) $P(X \geqslant 3) = 1 - P(X \leqslant 2) = \mathbf{0,0405}$.