Problema 7

LLista 2

X~ Poisson (1.2)

a)
$$P(X=3) = P(X=0) + P(X=1) + P(X=2)$$

= $e^{-1.2} + e^{-1.2} \cdot 1.2 + e^{-1.2} \cdot (1.2)^2$
= $P(X=3) = P(X=0) + P(X=1) + P(X=2)$
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6]
$$y = x_1 + x_2 + x_3 + x_4 \sim Poisson(4.8)$$

 $P(y \ge 1) = 1 - P(y \le 1) = 1 - P(y = 0)$
 $= 1 - e^{-4.8}$