a) X: Araba hurtarma servisinin aldifi copri sayisi
XN Poisson (2+)

$$1 \sec t \rightarrow 4 \cot t$$
 $2 \sec t \rightarrow 2 \cot t$
 $2 \sec t \rightarrow 2 \cot t$
 $P(x=x) = \frac{e^{-2t}(2t)^{2t}}{2t}$
 $P(x=x) = \frac{e^{-2t}(2t)^{2t}}{2t}$
 $P(x=x) = \frac{e^{-8}}{2t} = 0,09926$

b) T: Biri diperini izleyen ili caprı arasında peqen söre TN ÜSEL (2)

$$60 \, dak \rightarrow 4 \, copri$$

$$1 \, dah \rightarrow ? \qquad A = \frac{4}{60}$$

$$f(t) = 2e^{-2t} = \frac{4}{60}e^{-\frac{4}{60}t} \qquad F(t) = 1 - e^{-2t}$$

$$P(T \le 15) = F(15) = 1 - e^{-\frac{4}{60} \cdot 15} = 1 - e^{-\frac{4}{60} \cdot 15}$$