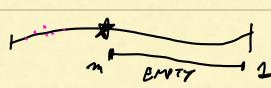
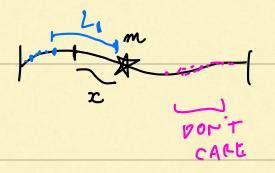


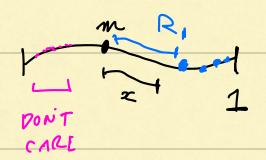
$$i)$$
  $P(L_1=0)$ 
 $EM^{T}Y$ 



$$\mathbb{P}(R_1) = ?$$

04x4m





# EVENTS
$$k = 0 \quad \text{counting}$$

$$P(k = 0) = \pi e^{-x}$$

$$P(k = 0) = \pi e^{-x}$$

**\*\*** 



CHECK

2 RATE

2-0

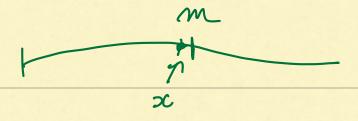
> P(L1:0) → 0 AS 2-700 / 6

-i)

 $P(L_1 \leq x) = e^{-x(m-x)}$ 

NOTHING DC M

AS x > m



 $P(L, cx) \rightarrow 1$