









+ ++60 ++150 ++50 ++70 + ++120 Assignment 4. 1 $f(x) = \begin{cases} k_0 & \text{tot} = x \leq 120 + t \\ 0 & \text{elsewhere} \end{cases}$ 10 min from centore = 2 +10, 26-10, PC+ 7 = 5 1 dt + 5 12 dt = \$ 1 dt = 1 [+] t+50 + [+] t+70 = 1 [++60 - t-50] + 1 [t+70-t-60] = 1 [10] + 1 [10] = ±0 0.1667

4) a)
$$\theta = 2 - 4$$

$$P(x)^{25} = \int_{2.5}^{0} \frac{1}{6} e^{-\frac{x}{6}} d(x) = \int_{2.5}^{0} \frac{1}{2.44} e^{-\frac{x}{2.44}} dx = e^{-\frac{x}{2.44}} = e^{-$$