



3)
$$E(x) = \frac{1}{5} \cdot \sqrt{000}$$
 $4000 \int_{0}^{5} e^{-10x} A = 200$
 $\int_{0}^{5} e^{-10x} A = \frac{1}{500}$
 $\int_{0}^{5} e^{-10x} A = \frac{1}{500}$





