=>
$$m \cdot \frac{dv}{dt} = -5v^2 - 5to'000$$

$$= 7 dt = \frac{m}{-5v^2 - 570'000} dv$$

=>
$$\int_{A}^{E} A \cdot dt = \int_{Aee}^{e} \frac{m}{-5v^2 - 570'000} dv$$

=>
$$t_{\varepsilon} = \int_{100}^{0} \frac{m}{-5v^2 - 570'000} dv = 16.545$$

$$=> m \cdot v \cdot \frac{dv}{dx} = -5v^2 - 5ta'ooo$$

$$\Rightarrow \int_{x^{\epsilon}}^{y} y \cdot q^{x} = \int_{0}^{\infty} \frac{-2\lambda_{5} - 250,000}{w \cdot \lambda} q^{x}$$

=>
$$x_E = \int_{400}^{0} \frac{m \cdot v}{-5v^2 - 570'000} dv = 8.15.6m$$