$$N(t) = -\frac{m}{b} \left(1 - e^{\frac{bt}{m}} \right)$$

$$\mathcal{L} = \frac{2}{N} \frac{x^{n}}{N} = \left[+ x + \frac{x}{N} + \frac{x}{N} + \dots \right]$$

$$\int_{a}^{a} \frac{dv}{v + \frac{ms}{5}} = \int_{a}^{b} \frac{dv}{m}$$

$$=\frac{m}{b}\ln\left(\frac{b\pi}{mg}\right) = \frac{m}{b}\ln\left(\frac{b\pi}{mg}\right)$$

$$t = \frac{v_0}{9}$$