$$\int_{0}^{\infty} \left( p \right) = \int_{0}^{\infty} t^{p-1} e^{-t} dt, p > 0$$

$$N(m, 6^2) \rightarrow f(x) = \frac{1}{6\sqrt{2\pi}} e^{-\frac{(x-m)^2}{26^2}}$$

$$T\left(\frac{1}{2}\right) = \begin{cases} t^{1/2-1} e^{-t} & dt = \begin{cases} \frac{e^{-t}}{\sqrt{t}} & dt = \begin{bmatrix} t = \frac{x^2}{2} \\ dt = x dx \end{bmatrix} = \begin{cases} \frac{e^{-\frac{x^2}{2}}}{\sqrt{t}} & dx \\ 0 & \frac{x}{\sqrt{t}} \end{cases}$$

$$=62)$$

$$e^{-\frac{x^{2}}{2}}$$

$$6x = 2-\sqrt{11}$$

$$\frac{e^{-\frac{x^{2}}{2}}}{\sqrt{2\pi}}$$

$$\frac{1}{\sqrt{2\pi}}$$

$$\frac{1}{\sqrt{2\pi}} = 2-\sqrt{11}$$

$$\frac{1}{\sqrt{2\pi}} = 2-$$

