

Series [$e^{x^2} + 2x$, { x , 0.5, 3}]

$$(1. + e^{0.25}) + (2 + 1. e^{0.25} \text{Log}[e]) (x - 0.5) + (e^{0.25} \text{Log}[e] + 0.5 e^{0.25} \text{Log}[e]^2) (x - 0.5)^2 + (1. e^{0.25} \text{Log}[e]^2 + 0.166667 e^{0.25} \text{Log}[e]^3) (x - 0.5)^3 + O[x - 0.5]^4$$

$$a = \sqrt[n]{n * 3^{-n}}$$

$$(3^{-n} n)^{\frac{1}{n}}$$

Limit [a , $n \rightarrow \infty$]

$$\frac{1}{3}$$

Integrate [$28x - e^{0.3x}$, { x , 0, 100}]

$$\frac{3.33333 - 3.33333 e^{30} + 140000. \text{Log}[e]}{\text{Log}[e]}$$

Integrate [$28x - e^{0.3x}$, x]

$$14x^2 - \frac{3.33333 e^{0.3x}}{\text{Log}[e]}$$

Integrate [$\frac{10}{(1+x)^2} + \ln x$, x]

$$\ln x - \frac{10}{1+x}$$

Integrate [$\frac{10}{(1+x)^2} + \ln x$, { x , 1, 100}]

$$\frac{495}{101} + 99 \ln x$$