

3) 
$$y = 5 \times \frac{3}{9}$$
  $y' = (5)' \times \frac{3}{9} + 5 \cdot (x^3)' = 0 \cdot x^3 + 5 \cdot 3 \times \frac{2}{9}$ 

be finished in the property of the prope

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$$y = x \cdot e^x \cdot \ln x = (x \cdot e^x) \cdot \ln x$$

$$= (e^{\times} + \times e^{\times}) \cdot \ln \times + \times e^{\times} \cdot \frac{1}{\times} =$$

## IN GENERALE

$$[f(x)g(x)h(x)]' = (f(x)g(x))'h(x) + f(x)g(x)h'(x) =$$

$$= [f(x)g(x) + f(x)g'(x)]lv(x) + f(x)g(x)lv'(x) =$$

$$= f'(x) g(x) h(x) + f(x) g'(x) h(x) + f(x) g(x) h'(x)$$