$\int_{a}^{b} (x) = \lim_{\Delta x \to \infty} \frac{\int_{a}^{b} (x + \Delta x) - f(x)}{\Delta x}$

al ten ga ban

() dx C =0

 $\frac{d}{dx} x = 1$

(fg) = f.g'+f'g

 $\frac{dx}{dy} = \frac{dx}{d} \left(\chi^3 + 2\chi^2 - 4\chi + 5 \right)$

 $\frac{d}{dx}(y^2) + \frac{d}{dx}(2x^2) - \frac{d}{dx}(ux) + \frac{d}{dx}(x)$

 $3x^{2} + \frac{d}{dx}(2x^{2}) - \frac{d}{dx}(4x) + \frac{d}{dx}(5)$ $3x^{2} + 2 \cdot \frac{d}{dx}(x^{2}) - \frac{d}{dx}(4x) + \frac{d}{dx}(5)$

 $3x^{2} + 2.2x^{1} - \frac{d}{dx}(uy) + \frac{d}{dx}(s)$

 $3x^{2} + 2.2x^{1} - 4 \frac{d}{dx}(x) + \frac{d}{dx}(5)$ $3x^{2} + 2.2x^{1} - 41 + \frac{1}{4x}$ (5)

 $3x^{2} + 2.2x^{1} - 4.1 + 9$

ط المراد 125 · 1×

7X - 4x + 150x 2- 120

3 x4-x1+x4-150x2-1700x+1

4x - 2x + 4x - 300x - 1700

843 -301x-1700

3 x - 7x + 6x - 4x - 1 12x"-49x8+30x5_4

(1) x - x 1 - x + 100 1x5-4x3-3x20 (fg) = f.g'+f'g

 $\int_{(\chi)} = (2\chi + 1)(3\chi^2 - \chi - 2)$ 5(x)=12x -2x+6x-1+6x-2x-4 (1)= 18x2+2x-5/

(fg) = f.g'+f'g

 $\int (x) = (4x + 1)(10x^2 - 5)$ 80×2+50×++0/10×-2) 80x°+60x-20

 $\left[\begin{array}{c} \frac{1}{t} \end{array}\right]_1 = \begin{array}{c} \frac{2r}{t^3-t^3} \end{array}$

f(x)= 4x +1

 $\frac{1}{2(x)^{2}} = \frac{(10x^{2} - 2)^{3}}{(11)(10x^{2} - 2) - (11x + 1)(10x)}$

 $\int_{(y)}^{1} = \frac{40x^{2}-70 - 90x^{2}+20x}{Clox^{2}-5)^{3}}$

 $\int_{1}^{1} (x) = \frac{-4\cos^{2} + 2 \cdot 0 \cdot x - 20}{(1 \cdot 0 \cdot x^{2} - 5)^{2}}$

 $\left[\frac{2}{t}\right]_1 = \frac{2r}{t^{\frac{3}{4}} - t^{\frac{3}{4}}}$

 $\int_{C^{k}} 1 = \frac{3k-5}{6k+2}$

 $\int_{1}^{1} \{x\} = \frac{2^{3}x^{3-1}}{2^{3}x^{4-2}}$

 $f(x) = \frac{3x^4 - 2x^2 - 5}{3x^5}$

 $f(x) = \frac{2x^3 - 2x - 7}{2x^3 + x^2 - 2}$