TN Serie:

re should not be o on 1

=> rc should mot loe 2-1,1=1

$$2 \int_{\mathbb{R}^{2}} \left(\times \right) = \frac{\ln(x)}{\mathbb{R}(x^{2}) - 4} = 0$$

$$\begin{cases} 34(x) = \sqrt{|x+2|} - |3x - 4| \\ (2) \sqrt{|x+2|} - |2x - 4| \geq 0 \end{cases}$$

$$\mathbb{T} - \mathbb{Z} = \frac{\mathbb{Z}^{m+1}}{m+1}$$

ex:

$$f(x) = 5x^4$$
, $F(x) = 5x^5 = x^5$.) To Verify the process.

$$1)$$
 $\{(x) = \frac{3}{2}, F(x) = \frac{3}{x}$

2)
$$f(x) = \frac{5}{12} \Rightarrow F(x) = \frac{5}{5} \cdot \frac{1}{32}$$
 prim)

$$F(x) = -\frac{S}{NL}$$

3)
$$f(x) = 4x - \frac{1}{x^2} = 5F(x) = \frac{4x^2}{2} + \frac{1}{x}$$

$$= 2x^2 + \frac{1}{x^2}$$

Integnole.

I) Integration pon Portie:

Soit La formule suionte?

A=) se sin(x) dx

V = x V' = 1. U' = Sin(x) U = -CBS

A=aoc-(b.cdx.

= SA = -Sc cos(x) - (-cos(x) dx $= - x \cos(x) + \cos(x) = - x \cos(x)$

= -re cos(x) + Sin(x) + C

c = s constante