$$\begin{array}{c} \begin{array}{c} -\frac{5}{x^{2}} + \frac{2}{x^{2}} + \frac{1}{x} + \frac{3}{4x} + 7x - x^{4/2} \rightarrow \\ \rightarrow \frac{1}{4x} \left(-\frac{2}{x^{2}} + \frac{2}{x^{2}} + \frac{1}{x} + \frac{3}{4x} + 7x - x^{4/2} \right) \rightarrow \\ \rightarrow -5 \left(\frac{1}{4x} \left(\frac{1}{x^{2}} \right) + 2 \left(\frac{1}{4x} \left(\frac{1}{x^{2}} \right) + \frac{1}{4x} \left(\frac{1}{x^{2}} \right) + 3 \left(\frac{1}{4x} \left$$

- 15 - 4 +3 | d | (VX) - d | X2 + - (X2) $\rightarrow g_{x}^{1}\left(x^{n}\right) = n \times \frac{n-1}{2} \rightarrow g_{x}^{1}\left(\frac{1}{12}\right) = g_{x}^{1}\left(\frac{1}{12}\right) = \frac{1}{2} \times \frac{1}{2} = \frac{1}{2} \times \frac{1}{2}$ - 15 - 4 x5 - x2 + dx (-5x) - dx (x3/2) + 3 - 1/2x3/2 > $\rightarrow \frac{12}{x^{1}} - \frac{4}{x^{0}} - \frac{1}{x^{2}} - \frac{3}{2x^{3/2}} + \frac{d}{dx} \left(\sqrt[3]{x} \right) - \frac{d}{dx} \left(x^{-3/2} \right) \rightarrow$ - d (x") = n · x" + n = 2; d (x) = d (x") = x = > $\Rightarrow \frac{15}{X^2} - \frac{4}{X^3} - \frac{1}{X^2} + \frac{3}{2X^{3/2}} - \frac{1}{2X} \left(x^{3/2} \right) + \frac{1}{22X} \Rightarrow$ > f, (x*) = n·x**, n= 3 ; fx (x =) = 37x → → 15 - 4 - 1 - 3 - 1 - 3 - 1 - 3 - 2x312 + 1 - 3 - 2x - 2 -30-8x-2x 2 3x 3/2 x 3/2 - 3x 3/2) omlin (2)