y' = Sec2(x2)(2x) y' = Cos(4x2+2)(8x)

f'(x) = 4 [(b) (x) + x2]3 (-Sin(x) + 2x)

 $\int_{\mathbb{R}^{2}} |(x)|^{2} = 5 \frac{1}{\sin(x^{2})} \cdot \operatorname{Cos}(x^{2})(2x)$

5. fcx) = [Cos(x) + x2]4

6. fcx) = 5 ln (Sen(x2))

7. g(x) = [etcm (3x2-6x+2)]4

3. $y = \sqrt[3]{3x^2 - e^x} = \left[3x^2 - e^x \right]^{1/3}$

 $y' = \frac{1}{3} [3x^2 - e^x]^{-2/3} (6x - e^x)$

4. $h(x) = 3 ln(4x - x^5) + e^{2x^2 + 7x - 8}$

g'(x) = 4 [etun(3x2-6x+2)] = etun(3x2-6x+2). (6x-6)

 $h'(x) = 3. \frac{1}{4x - x^6} \cdot (4 - 5x^4) + e^{2x^2 + 3x - 8} \cdot (4x + 9)$