

Prova

$$1) y = \cos(x^3 - 5x^2 + 6x + 1)$$

$$y'(x) = (3x^2 - 10x + 6) \sin(x^3 - 5x^2 + 6x + 1)$$

$$2) y = 5(x^3 - 5x^2 + 6x + 1)^3$$

$$y'(x) = 15(3x^2 - 10x + 6)(x^3 - 5x^2 + 6x + 1)^2$$

$$3) y = \sqrt[3]{x^2 - 4x}$$

$$y'(x) = \frac{(x-4)x}{3(x-2) \log(3)}$$