Differentiale:

$$y = 2^{x} + \frac{1}{x^{3}}$$

$$y' = \ln(2) 2^{x} - 3x^{-4}$$

Chan Rule

$$y' = \ln'(\ln(x)) \cdot (\ln(x))'$$

$$= \frac{1}{\ln(x)} \cdot \frac{1}{x}$$