Chapter 3 practice problems

$$y = \times \ln \left(x^2 + 4x \right) \quad \text{find } y'$$

$$y = \frac{\left(x^{5} - \lambda x + 1\right)\sqrt{3x^{3} - \lambda}}{\left(x - 3\right)^{4}\left(\sin\left(3x\right)\right)} \qquad \text{find} \qquad \frac{dy}{dx}$$

$$y = (\cos x)$$

$$(x^{\frac{1}{3}} + 3x)$$

$$f(x) = \frac{dy}{dx}$$