Name: _____   Date: _____

Learning Goal 3.3	Using more derivative rules.

More Questions

1. Differentiate.

a. $y = \ln(x^4 \sin^2 x)$

b. $y = (\ln(1 + e^x))^2$

c. $y = \ln\left(x + \sqrt{1 + x^2}\right)$

d. $y = \dfrac{\ln x}{x^2}$

e. $y = \log\left(\dfrac{x}{x - 1}\right)$

f. $y = 2x \log \sqrt{x}$