Name: _____   Date: _____

Learning Goal 3.3	Using more derivative rules.

More Questions

1. Use implicit differentiation to find the following derivatives.

a. $x^3 + y^3 = 2xy$

b. $y = \sqrt{\dfrac{x^2 + 1}{x^2 - 1}}$

c. $\sin y = 3x^2 e^{6y+2}$

d. $yx^2 + e^y = x$

e. $2x^3 + x^2y - y^9 = 3x + 4$

f. $y^2 + xe^{xy} = 2$