

Name _____ -

Implicit Differentiation Class Assignment

Solve for dy/dx in each question:

1) $y^2 + 5y = 6x + 5$

2) $x^4 + y^4 = 16xy$

3) $x^2y + xy^2 = 12$

4) $y^2 = \frac{x-1}{x+1}$