

More Implicit Differentiation Problems

1) $x^3y + 4y = 7x$

2) $\sin(x^2y^2) = 4x + 2y$

3) Give the slope of the tangent line to $x^3 + 2y - 7 = 4x$ at the point $(2, -1)$

4) Give the equation of the tangent line to $x^2y - 4y + 2 = x$ at the point $(-1, 3)$