

3 Old Exam Problems

October 3

Fall 2017 Exam 2 Problem 7

If $x^2y + y^3 = x - y$, then $y' =$

Fall 2016 Exam 2 Problem 3

Find the slope of the tangent line to the curve

$$\sin(x + y) = xy$$

at the point $(0, 0)$.

Spring 2017 Exam 2 Problem 11

If $y = \arcsin(x) - \sqrt{1 - x^2}$, $\frac{dy}{dx} =$