Written Assignment #8
Due Date: Thursday, October 1
10 points

On written assignments (like exams), all work must be shown to get full credit.

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Problem 1. Find $\frac{dy}{dx}$ if $xy = \sqrt{x^2 - y^2}$.

Problem 2. Let $f(t) = 3t^2 \ln(t) + 1$. Find an equation of the line which is tangent to the graph of this curve at the point $(1, 1)$. 