$y^2 + Cx = x^3$. $C = \frac{x^3 - y^2}{x}$. $0 = \frac{\left(3x^2 - 2yy'\right)x - \left(x^3 - y^2\right)}{x^2} = \frac{-2xyy' + 2x^3 + y^2}{x^2}$.

$y' = \frac{2x^3 + y^2}{2xy}$.