

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