Vocabulary/Definitions

○ Explicit function of x

○ Implicit function of x

○ Implicit differentiation

Understand

1. Find $\frac{dy}{dx}$ if $y^3 - 3y^2 = 4x$.

2. Find the equation of the tangent line to the curve $y^3 - 3y^2 = 4x$ at the point $(-4, 2)$.