1. Find y' if $y = \dfrac{x^3 - x^2 + 1}{x^2 + 4}$

2. Find the slope of the curve $y = (x^2 - 7x - 8)^3$ at the point $(8, 3)$. What is the equation of the tangent line to the curve at this point?

$y = \dfrac{x^3 - x^2 + 1}{x^2 + 4}$