

Task: Finding Derivatives

Find the derivatives for the following functions. Apply the appropriate differentiation rules such as power rule, product rule, chain rule, and so on.

Function	Derivative
$3x^3 - 2x + 5$	
$\sin(x)$	
$\cos(y)$	
$(x + 1)(y - 2)$	
$5x^2 + 3$	
$\ln(x)$	
$7x^{-1} + \sqrt{y}$	