

Calculus: Derivatives · Grade 12

Name _____ Date _____ Score _____ / 6

01 $\frac{d}{dx} (8\sqrt{x}) =$

Answer: _____

02 $\frac{d}{dx} (-9x^6 - 3x^5 - 6x^2 + 5) =$

Answer: _____

03 $\frac{d}{dx} \left(\frac{1}{x^4}\right) =$

Answer: _____

04 $\frac{d}{dx} (6e^{4x}) =$

Answer: _____

05 $\frac{d}{dx} \left(\frac{-9}{x}\right) =$

Answer: _____

06 $\frac{d}{dx} (\cos(3x)) =$

Answer: _____