Calculus: Derivatives · Grade 12

Name _____ Date _____ Score _____ / 6

01 $\frac{d}{dx}(5x^3 - 5) =$

Answer: _____

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

Answer: _____

03 $\frac{d}{dx}(3x^3 - 6x^2) =$

Answer: _____

04 $\frac{d}{dx}(3x^3 - 2) =$

Answer: _____

05 $\frac{d}{dx}(x - 2) =$

Answer: _____

06 $\frac{d}{dx}(x^3 + 2x) =$

Answer: _____

Calculus: Derivatives · Grade 12 (Answer Key)

01 $\frac{d}{dx}(5x^3 - 5) =$

$15x^2$

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

$15x^2 - 12x$

03 $\frac{d}{dx}(3x^3 - 6x^2) =$

$9x^2 - 12x$

04 $\frac{d}{dx}(3x^3 - 2) =$

$9x^2$

05 $\frac{d}{dx}(x - 2) =$

1

06 $\frac{d}{dx}(x^3 + 2x) =$

$3x^2 + 2$