CALCULUS: INTEGRALS · GRADE 12

Calculus: Integrals · Grade 12

Name _____ Date _____ Score _____ / 6

01 $\int (5)\, dx =$

Answer: _____

02 $\int (-8)\, dx =$

Answer: _____

03 $\int (24x)\, dx =$

Answer: _____

04 $\int (-33x^2)\, dx =$

Answer: _____

05 $\int (-8x^3 + 18x^2 + 8)\, dx =$

Answer: _____

06 $\int (-40x^3 - 20x + 3)\, dx =$

Answer: _____

Calculus: Integrals · Grade 12 (Answer Key)

01 $\int (5)\,dx =$

$5x + C$

02 $\int (-8)\,dx =$

$-8x + C$

03 $\int (24x)\,dx =$

$12x^2 + C$

04 $\int (-33x^2)\,dx =$

$-11x^3 + C$

05 $\int (-8x^3 + 18x^2 + 8)\,dx =$

$-2x^4 + 6x^3 + 8x + C$

06 $\int (-40x^3 - 20x + 3)\,dx =$

$-10x^4 - 10x^2 + 3x + C$