



Integration Review



Classroom: Math Examples

Due: 1 Aug 2020

Student Name:

Date Submitted:

1) Find the integral of $-2x^7 + 2x + 5$ with respect to x .

Show Work

2) Evaluate $\int_0^{\frac{4}{3}\pi} \sin\theta \cos\theta d\theta$.

Show Work

3) Find the derivative of $\ln(5x + 2)$.

Show Work

4) Find the derivative of $-5t^6 + 4t^2 - 9t - 4 + 2t^{-3}$.

Show Work

5) Find $\frac{\partial f}{\partial x}$ given $f(x, y) = 5x - 4y$.

Show Work

6) Find $\frac{\partial g}{\partial x}$ given $g(x, y) = -7x^2 + 3xy + 4y^2$.

Show Work

