

Quiz# 3

Name:

ID #:

Section 1

Serial #:

1. Evaluate $\int \sin(\ln x) dx$.

2. Evaluate $\int \cos^5 x \csc x dx$.

3. Evaluate $\int x^5 e^{-4x^3} dx$.

4. $\int_{-2}^{\frac{1}{2}} \sqrt{2-x-x^2} dx$ is (proper / improper), because _____.

5. $\int_{-1}^4 \frac{1}{x^2 - 2x + 4} dx$ is (proper / improper), because _____.

With My Best Wishes

Quiz# 3

Name:

ID #:

Section 4

Serial #:

1. Evaluate $\int \frac{1}{e^x + e^{-x}} dx$.

2. Evaluate $\int \frac{1}{3x^2 - 18x + 27} dx$.

3. Evaluate $\int \sqrt{\frac{x}{1-x^3}} dx$.

4. $\int_{\frac{7}{2}}^4 \frac{x^3 - 2}{\ln(4-x)} dx$ is (proper / improper), because_____.

5. $\int_{-3}^2 \frac{x}{\ln(3-x)} dx$ is (proper / improper), because_____.

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