

Name : _____

1. Evaluate $\int \frac{x-9}{x^2-3x-18} dx$.

2. (Optional) Evaluate $\int \frac{2}{x^3+x^2} dx$.

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3. Evaluate $\int \frac{1}{x^4 + 3x^2 + 2} dx$.

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4. Evaluate $\int \frac{3x^2 + 4x - 6}{x^2 - 3x + 2} dx$.

5. (Optional) Evaluate $\int \frac{\sec \theta}{1 + \sin \theta} d\theta$.

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6. Evaluate $\int \frac{x+1}{x^3+4x} dx$.