

$$\begin{aligned} & \int (x^2 - 4x + 5) dx \\ & \int (3e^x - 2 \sin x + 5) dx \\ & \int (x-1)^2(x+2) dx \\ & \int \frac{6x^3 - 8x^2 + 3}{2x} dx \\ & \int \frac{\sqrt{x} - 2\sqrt[3]{x^2} + 1}{\sqrt[4]{x}} dx \\ & \int \frac{x^2 - 1}{x^2 + 1} dx \end{aligned}$$


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$$\begin{aligned} & \int x \cos x dx \\ & \int x e^x dx \\ & \int x^2 e^{3x+5} dx \\ & \int x^2 \cos x dx \\ & \int x^2 \sin x dx \\ & \int x^2 e^x dx \\ & \int (x^3 - x) e^x dx \\ & \int x^3 \ln x dx \end{aligned}$$


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$$\begin{aligned} & \int \frac{1}{\cos 2x + \sin^2 x} dx \\ & \int \sqrt{2x+8} dx \\ & \int \frac{\cos 2x}{\sin x \cos x} dx \\ & \int \sin(2x-3) dx \\ & \int \frac{1}{(2x-3)^5} dx \end{aligned}$$


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$$\int \frac{1}{(\cos^2 x)(\operatorname{tg} x)} dx$$


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$$\begin{aligned} & \int \frac{1}{1-2x} dx \\ & \int \frac{x}{2x+1} dx \\ & \int \frac{2x-3}{(x-1)(x-2)} dx \\ & \int x \ln(x) dx \\ & \int \frac{\sin^2 x}{1-\cos^2 x} dx \end{aligned}$$


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$$\int \ln x dx$$

$$\int \frac{\ln(x)}{x^2} dx$$

$$\int \frac{\sin x}{(\sin x + \cos x)^2 - \sin 2x} dx$$

$$\int \sin^2 x dx$$

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$$\int \frac{x+1}{x^2+2x-3} dx$$

$$\int \frac{x^2+1}{x^2+2x-3} dx$$

$$\int \frac{1}{x^2+2x-3} dx$$

$$\int \frac{5}{x^2+2} dx$$

$$\int \frac{x}{x^2-x-2} dx$$

$$\int \frac{1}{x^2-x-2} dx$$