

$$\int \frac{\ln x}{x} dx$$

$$\int \frac{1}{x(\ln x)^2} dx$$

$$\int \frac{\cos x}{\sin^3 x} dx$$

$$\int \frac{1}{x \ln(x^2)} dx$$

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

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

$$\int e^{\theta} \sec^2(e^{\theta}) d\theta$$

$$\frac{d}{dz} e^{\ln z}$$

$$\frac{d}{dz} e^{z^2 - \ln z}$$

$$\frac{d}{dx} e^{\sec \theta}$$

$$\frac{d}{dx} (x^3 + 3^x + 3^3)$$

$$\int x^3 + 3^x + 3^3 dx$$

$$\int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \sqrt{1 - \cos^2 \theta} d\theta$$

$$\int_0^3 z e^{z^2} dz$$

$$\int_0^{\frac{\pi}{4}} (\ln \cos \theta) \tan \theta d\theta$$

$$\int_{-.37}^{.37} x \sin x^2 dx$$