$$\int e^{cx}\,dx = \frac{1}{c}e^{cx}$$

$$\int a^{cx}\,dx = \frac{1}{c\ln a}a^{cx} \qquad (\text{per } a>0,\ a\neq 1)$$

$$\int xe^{cx}\,dx = \frac{e^{cx}}{c^2}(cx-1)$$

$$\int x^2e^{cx}\,dx = e^{cx}\left(\frac{x^2}{c}-\frac{2x}{c^2}+\frac{2}{c^3}\right)$$

$$\int x^ne^{cx}\,dx = \frac{1}{c}x^ne^{cx}-\frac{n}{c}\int x^{n-1}e^{cx}dx$$

$$\int \frac{e^{cx}\,dx}{x} = \ln|x|+\sum_{i=1}^{\infty}\frac{(cx)^i}{i\cdot i!}$$

$$\int \frac{e^{cx}\,dx}{x^n} = \frac{1}{n-1}\left(-\frac{e^{cx}}{x^{n-1}}+c\int\frac{e^{cx}dx}{x^{n-1}}\right) \qquad (\text{per } n\neq 1)$$

$$\int e^{cx}\ln x\,dx = \frac{1}{c}\left(e^{cx}\ln|x|-\int\frac{e^{cx}dx}{x}\right)$$

$$\int e^{cx}\sin bx\,dx = \frac{e^{cx}}{c^2+b^2}(c\sin bx-b\cos bx)$$

$$\int e^{cx}\cos bx\,dx = \frac{e^{cx}}{c^2+b^2}(c\cos bx+b\sin bx)$$

$$\int e^{cx}\sin^n x\,dx = \frac{e^{cx}\sin^{n-1}x}{c^2+n^2}(c\sin x-n\cos x)+\frac{n(n-1)}{c^2+n^2}\int e^{cx}\sin^{n-2}x\,dx$$

$$\int e^{cx}\cos^n x\,dx = \frac{e^{cx}\cos^{n-1}x}{c^2+n^2}(c\cos x+n\sin x)+\frac{n(n-1)}{c^2+n^2}\int e^{cx}\cos^{n-2}x\,dx$$

$$\int \frac{1}{\sigma\sqrt{2\pi}}e^{-(x-\mu)^2/2\sigma^2} = \frac{1}{2\sigma}\left(1+\operatorname{erf}\frac{x-\mu}{\sigma\sqrt{(2)}}\right)$$