$$\int_{-\infty}^{\infty} e^{-x^2}\,dx = \sqrt{\pi}$$

$$f(x) = a\sigma + \sum_{n=1}^{\infty}\left(an\cos\frac{n\pi x}{L} + bn\sin\frac{n\pi x}{L}\right)$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$