$$f(x) = \frac{1}{\sigma\sqrt{2\pi}} \quad e^{-\frac{(y-\mu)^2}{2\sigma^2}}$$

$$P(X) = \frac{n!}{X!(n-X)!}\pi^X(1-\pi)^{n-X}, \qquad X = 0, 1, 2, \ldots, n$$

$$\left\{\Phi, \quad \Psi, \quad \Omega, \quad \Xi, \quad \models, \quad \asymp, \quad \approx, \quad \neq, \quad \geq, \quad \bowtie, \quad \gg\right\}$$

$$\rho(\nu, T) = \frac{8\pi h\nu^3}{c^3}\,\frac{1}{e^{h\nu/kT} - 1}$$