$$x^2 - 2x + 1 = 0 \tag{1}$$

$$x^2 - 2x + 1 = 0 \tag{2}$$

$$(x - 1)^2 = 0 \tag{3}$$

$$e^{i\pi} + 1 = 0 \tag{4}$$

$$a_n = n! \sum_{k=2}^{n} \frac{(-1)^k}{k!} \tag{5}$$

$$\sum_{k=1}^{n} (2k - 1) = n^2 \tag{6}$$

$$\sum_{n=1}^{\infty} \frac{1}{2^n} = 1 \tag{7}$$

$$\sin^2 x + \cos^2 x = 1 \tag{8}$$

$$\lim_{n \to 0} \frac{e^h - 1}{h} = 1 \tag{9}$$

$$F(s) = \int_0^{\infty} f(x) e^{-st} dt \tag{10}$$