

$$(a + b)^2 = a^2 + 2ab + b^2 \quad (1)$$

$$(a - b)^2 = a^2 - 2ab + b^2 \quad (2)$$

$$(a + b)(a - b) = a^2 - b^2$$

$$\frac{1}{x}, \quad \text{for } x \neq 0 \quad (3)$$