Identities Formula

$$a^2 - b^2 \equiv (a + b)(a - b)$$

$$(a + b)^2 \equiv a^2 + 2ab + b^2$$

$$(a - b)^2 \equiv a^2 - 2ab + b^2$$

$$a^3 + b^3 \equiv a^2 + 2ab + b^2$$

$$a^3 - b^3 \equiv (a - b)(a^2 + ab + b^2)$$