

Name : \_\_\_\_\_

# ALGEBRAIC IDENTITIES

## IDENTITY - 1

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

## IDENTITY - 2

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

## IDENTITY - 3

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

## IDENTITY - 4

$$(x + a)(x + b) = \\ x^2 + (a + b)x + ab$$