

氏名 () 点数 _____

$$(1) \quad x^2 + 6x + 9 \\ = \underline{(x+3)^2}$$

$$(2) \quad x^2 + 10x + 25 \\ = \underline{(x+5)^2}$$

$$(3) \quad x^2 - 4x + 4 \\ = \underline{(x-2)^2}$$

$$(4) \quad x^2 - 8x + 16 \\ = \underline{(x-4)^2}$$

$$(5) \quad x^2 - 9 \\ = \underline{(x+3)(x-3)}$$

$$(6) \quad x^2 - 36 \\ = \underline{(x+6)(x-6)}$$

$$(7) \quad 4x^2 - 9y^2 \\ = \underline{(2x+3y)(2x-3y)}$$

$$(8) \quad 9x^2 - 25y^2 \\ = \underline{(3x+5y)(3x-5y)}$$

$$(9) \quad x^2 - 4xy + 4y^2 \\ = \underline{(x-2y)^2}$$

$$(10) \quad 16x^2 - 24xy + 9y^2 \\ = \underline{(4x-3y)^2}$$