

$$8x^2 + 9xy + 4y^2 = 4x(2x + y + 1)$$

$$(x+1)(5p-3a)$$

$$36m^2 - 87y^2 = (6m + 9y)(6m + 9y)$$

$$x^8 + 3a^9 + 4(x^4 + x^2 + 2)(x^4 - x^2 + 2)$$

$$(3a^2 + 5x^3)^2 = 9a^4 + 30a^2x^3 + 25x^6$$

$$(1 - 3ax)(3ax + 7) = 1 - 9a^2x^2$$

$$(4x+5)^3 = 64x^3 + 24x^2 + 300x + 125$$