

P. 15

PE 1

$$(1) (2x + y) \times 7x \\ = 14x^2 + 7xy$$

$$(2) (3a - h) \times 4a \\ = 12a^2 - 4ah$$

$$(3) (5a - 6h) \times (-2h) \\ = -10ah + 12h^2$$

$$(4) 4x(2x - 1) \\ = 8x^2 - 4x$$

$$(5) 2x(x + 3y) \\ = 2x^2 + 6xy$$

$$(6) -3a(8a + 7h) \\ = -24a^2 - 21ah$$

$$(7) -2x(-3x + 2y) \\ = 6x^2 - 4xy$$

$$(8) (x - 3y - 2) \times 4x \\ = 4x^2 - 12xy - 8x$$

$$(9) -3x(4x - 3y + 2) \\ = -12x^2 + 9xy - 6x$$

$$(10) 3a(-a + 2h - 1) \\ = -3a^2 + 6ah - 3a$$

P. 17

PE 5

$$(1) (3a + 2h)(2a + 3h) \\ = 6a^2 + 13ah + 6h^2$$

$$(2) (9a - 2h)(5a + 6h) \\ = 45a^2 + 44ah - 12h^2$$

$$(3) (7x + 4y)(x - 5y) \\ = 7x^2 - 31xy - 20y^2$$

$$(4) (2x - 3y)(8x - y) \\ = 16x^2 - 26xy + 3y^2$$