

式の展開 係数・2文字（20問） 版Iの答え

※ 間違いが多いのは、真ん中の項（ x の項・ xy の項）の符号です。

$$(1) (6x + y)(6x - y) \\ = 36x^2 - y^2$$

$$(2) (5x - 2)(x - 6) \\ = 5x^2 - 32x + 12$$

$$(3) (5x - 6y)^2 \\ = 25x^2 - 60xy + 36y^2$$

$$(4) (3x - 4)(3x + 1) \\ = 9x^2 - 9x - 4$$

$$(5) (4x + 5y)(4x - 5y) \\ = 16x^2 - 25y^2$$

$$(6) (2x + 7)(3x - 2) \\ = 6x^2 + 17x - 14$$

$$(7) (x + 3y)(x - 3y) \\ = x^2 - 9y^2$$

$$(8) (5x - 1)(5x + 7) \\ = 25x^2 + 30x - 7$$

$$(9) (5x + 9)(x - 4) \\ = 5x^2 - 11x - 36$$

$$(10) (4x - 3y)(2x + 3y) \\ = 8x^2 + 6xy - 9y^2$$

$$(11) (3x + 4y)(4x + y) \\ = 12x^2 + 19xy + 4y^2$$

$$(12) (3x + 4y)(2x + 5y) \\ = 6x^2 + 23xy + 20y^2$$

$$(13) (3x + 5y)(x - 3y) \\ = 3x^2 - 4xy - 15y^2$$

$$(14) (x + y)(4x + y) \\ = 4x^2 + 5xy + y^2$$

$$(15) (5x + 9)(3x - 5) \\ = 15x^2 + 2x - 45$$

$$(16) (x + 1)(5x - 4) \\ = 5x^2 + x - 4$$

$$(17) (5x + 9)(5x - 6) \\ = 25x^2 + 15x - 54$$

$$(18) (3x - y)^2 \\ = 9x^2 - 6xy + y^2$$

$$(19) (5x - 4y)^2 \\ = 25x^2 - 40xy + 16y^2$$

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