式の展開 係数・2文字（20問）　版I

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $(6x + y)(6x - y) =$

(2) $(5x - 2)(x - 6) =$

(3) $(5x - 6y)^2 =$

(4) $(3x - 4)(3x + 1) =$

(5) $(4x + 5y)(4x - 5y) =$

(6) $(2x + 7)(3x - 2) =$

(7) $(x + 3y)(x - 3y) =$

(8) $(5x - 1)(5x + 7) =$

(9) $(5x + 9)(x - 4) =$

(10) $(4x - 3y)(2x + 3y) =$

(11) $(3x + 4y)(4x + y) =$

(12) $(3x + 4y)(2x + 5y) =$

(13) $(3x + 5y)(x - 3y) =$

(14) $(x + y)(4x + y) =$

(15) $(5x + 9)(3x - 5) =$

(16) $(x + 1)(5x - 4) =$

(17) $(5x + 9)(5x - 6) =$

(18) $(3x - y)^2 =$

(19) $(5x - 4y)^2 =$

(20) $(x - y)(3x - 4y) =$

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

free-print.net ｜ 式の展開の問題プリント 係数・2文字 版I ｜ 学校・塾での配布OK