式の展開 係数・2文字（20問）　版G

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $(2x - 5)(x - 4) =$

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

(3) $(2x - 1)(x - 6) =$

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

(5) $(2x + 9)(2x + 7) =$

(6) $(3x + 5y)(3x - 5y) =$

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

(8) $(6x + y)(6x - y) =$

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

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

(11) $(5x - 1)(5x - 6) =$

(12) $(5x + 6y)(5x - 6y) =$

(13) $(2x + 1)(x + 4) =$

(14) $(5x + 3y)^2 =$

(15) $(3x - 8)(4x + 3) =$

(16) $(3x - 2)(x - 1) =$

(17) $(2x - 3y)(2x + 3y) =$

(18) $(x + 5y)(x + y) =$

(19) $(3x - y)(x - 6y) =$

(20) $(2x + 5y)^2 =$

式の展開 係数・2文字（20問）　版G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) $(2x - 5)(x - 4)$
$= 2x^2 - 13x + 20$

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

(3) $(2x - 1)(x - 6)$
$= 2x^2 - 13x + 6$

(4) $(3x - 4y)(4x + y)$
$= 12x^2 - 13xy - 4y^2$

(5) $(2x + 9)(2x + 7)$
$= 4x^2 + 32x + 63$

(6) $(3x + 5y)(3x - 5y)$
$= 9x^2 - 25y^2$

(7) $(5x - 1)(5x - 1)$
$= 25x^2 - 10x + 1$

(8) $(6x + y)(6x - y)$
$= 36x^2 - y^2$

(9) $(4x + 5y)(4x - y)$
$= 16x^2 + 16xy - 5y^2$

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

(11) $(5x - 1)(5x - 6)$
$= 25x^2 - 35x + 6$

(12) $(5x + 6y)(5x - 6y)$
$= 25x^2 - 36y^2$

(13) $(2x + 1)(x + 4)$
$= 2x^2 + 9x + 4$

(14) $(5x + 3y)^2$
$= 25x^2 + 30xy + 9y^2$

(15) $(3x - 8)(4x + 3)$
$= 12x^2 - 23x - 24$

(16) $(3x - 2)(x - 1)$
$= 3x^2 - 5x + 2$

(17) $(2x - 3y)(2x + 3y)$
$= 4x^2 - 9y^2$

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

(19) $(3x - y)(x - 6y)$
$= 3x^2 - 19xy + 6y^2$

(20) $(2x + 5y)^2$
$= 4x^2 + 20xy + 25y^2$