式の展開 係数・2文字（20問）　版M

なまえ：＿＿＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $(3x - 7)(3x - 1) =$

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

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

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

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

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

(7) $(6x + y)(6x - y) =$

(8) $(5x + 4)(5x - 8) =$

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

(10) $(4x + 5y)(4x - 5y) =$

(11) $(x + 3y)(3x + 5y) =$

(12) $(3x + 4)(4x - 3) =$

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

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

(15) $(5x - 9)(3x - 4) =$

(16) $(5x - 6y)^2 =$

(17) $(4x + 1)(2x - 5) =$

(18) $(4x - 5)(x - 8) =$

(19) $(3x + 2)(x + 4) =$

(20) $(5x - 1)(x + 8) =$

式の展開 係数・2文字（20問）　版M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) $(3x - 7)(3x - 1)$
$= 9x^2 - 24x + 7$

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

(3) $(x + 6y)(2x - y)$
$= 2x^2 + 11xy - 6y^2$

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

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

(6) $(x + 5y)(3x + y)$
$= 3x^2 + 16xy + 5y^2$

(7) $(6x + y)(6x - y)$
$= 36x^2 - y^2$

(8) $(5x + 4)(5x - 8)$
$= 25x^2 - 20x - 32$

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

(10) $(4x + 5y)(4x - 5y)$
$= 16x^2 - 25y^2$

(11) $(x + 3y)(3x + 5y)$
$= 3x^2 + 14xy + 15y^2$

(12) $(3x + 4)(4x - 3)$
$= 12x^2 + 7x - 12$

(13) $(4x - 3y)^2$
$= 16x^2 - 24xy + 9y^2$

(14) $(2x + y)(x + 5y)$
$= 2x^2 + 11xy + 5y^2$

(15) $(5x - 9)(3x - 4)$
$= 15x^2 - 47x + 36$

(16) $(5x - 6y)^2$
$= 25x^2 - 60xy + 36y^2$

(17) $(4x + 1)(2x - 5)$
$= 8x^2 - 18x - 5$

(18) $(4x - 5)(x - 8)$
$= 4x^2 - 37x + 40$

(19) $(3x + 2)(x + 4)$
$= 3x^2 + 14x + 8$

(20) $(5x - 1)(x + 8)$
$= 5x^2 + 39x - 8$