式の展開 係数・2文字（20問）　版A

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(3x - 4y)^2$ =

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

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

(4) $(5x + 8)(5x + 9)$ =

(5) $(5x + 8)(2x - 9)$ =

(6) $(4x + 3y)(4x - 3y)$ =

(7) $(4x + 3y)(x + 2y)$ =

(8) $(5x + 2)(5x + 3)$ =

(9) $(x - 3)(5x + 8)$ =

(10) $(2x + 9)(5x - 4)$ =

(11) $(3x - 5y)^2$ =

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

(13) $(5x - 6)(5x + 1)$ =

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

(15) $(5x + y)(5x - y)$ =

(16) $(3x + 5y)(3x - 5y)$ =

(17) $(3x + 8)(3x + 5)$ =

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

(19) $(2x + 5y)(3x + y)$ =

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

式の展開 係数・2文字（20問）　版B

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

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

(2) $(4x + 3y)^2 =$

(3) $(x - 6y)(4x + 3y) =$

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

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

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

(7) $(2x - 9)(x + 8) =$

(8) $(3x - 7)(x + 6) =$

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

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

(11) $(x - 9)(3x + 7) =$

(12) $(5x + 1)(2x - 3) =$

(13) $(x + 9)(4x - 3) =$

(14) $(3x - 5y)(x - 5y) =$

(15) $(5x + 2y)^2 =$

(16) $(4x + 3y)(4x - 3y) =$

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

(18) $(x - 8)(3x - 7) =$

(19) $(5x + 7)(5x - 1) =$

(20) $(2x - 3y)(x + 2y) =$

式の展開 係数・2文字（20問）　版C

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(3x + 8)(x - 4) =$

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

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

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

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

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

(7) $(4x - y)(x - 5y) =$

(8) $(4x - 5y)^2 =$

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

(10) $(2x - 5)(2x - 9) =$

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

(12) $(x + 4y)^2 =$

(13) $(3x + 2)(5x - 6) =$

(14) $(2x - 5)(3x + 7) =$

(15) $(3x + 2)(x - 3) =$

(16) $(x + 2y)(x - 2y) =$

(17) $(4x + 3y)(x - 4y) =$

(18) $(3x - 4y)(x - 6y) =$

(19) $(4x + y)(4x - y) =$

(20) $(5x - 8)(4x + 5) =$

式の展開 係数・2文字（20問）　版D

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(4x - 9)(3x - 1) =$

(2) $(3x + 7)(4x - 9) =$

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

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

(5) $(2x + 9)(4x - 5) =$

(6) $(x - 3)(3x + 8) =$

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

(8) $(2x + 5y)(2x - 5y) =$

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

(10) $(5x + 7)(5x - 6) =$

(11) $(4x + 9)(x - 2) =$

(12) $(3x + 4)(x - 9) =$

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

(14) $(2x - 7)(4x - 5) =$

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

(16) $(2x - 5y)(4x - 3y) =$

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

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

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

(20) $(2x + 3y)(x + 5y) =$

式の展開 係数・2文字（20問）　版E

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(5x - 1)(5x - 3) =$

(2) $(3x + 8)(5x + 9) =$

(3) $(x + 9)(2x - 7) =$

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

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

(6) $(3x + 4y)^2 =$

(7) $(5x + 1)(4x - 1) =$

(8) $(2x + 3y)(2x - 3y) =$

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

(10) $(5x + 7)(x + 8) =$

(11) $(4x - y)^2 =$

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

(13) $(3x + 8)(2x - 7) =$

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

(15) $(5x + 1)(x + 1) =$

(16) $(3x + y)(4x + 5y) =$

(17) $(x - 6y)(4x - y) =$

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

(19) $(2x + 5y)(2x - 5y) =$

(20) $(5x + 1)(2x + 9) =$

式の展開 係数・2文字（20問）　版F

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

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

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

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

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

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

(6) $(4x - 7)(x + 8) =$

(7) $(5x + 2)(4x + 7) =$

(8) $(4x - 5y)(3x + y) =$

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

(10) $(3x + 2y)^2 =$

(11) $(x + 2y)(x - 2y) =$

(12) $(5x + 8)(5x - 9) =$

(13) $(5x + 6y)^2 =$

(14) $(3x + 8)(2x + 5) =$

(15) $(5x + 6y)(5x - 6y) =$

(16) $(2x - 7)(x - 1) =$

(17) $(5x - 2)(x + 8) =$

(18) $(4x + y)(3x + 5y) =$

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

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

式の展開 係数・2文字（20問）　版G

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(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H

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(5x + 4y)^2$ =

(2) $(5x - 4)(3x + 1)$ =

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

(4) $(3x + 8)(4x + 1)$ =

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

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

(7) $(3x - 5y)(3x + y)$ =

(8) $(2x - y)(x - 2y)$ =

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

(10) $(2x + 5y)(3x - 5y)$ =

(11) $(3x + 7)(2x + 5)$ =

(12) $(x + 2y)(x - 2y)$ =

(13) $(3x + 2y)(4x + 5y)$ =

(14) $(3x + 2y)(3x - 2y)$ =

(15) $(5x + 6y)(5x - 6y)$ =

(16) $(4x + 3y)(x + 6y)$ =

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

(18) $(4x - 9)(x - 9)$ =

(19) $(5x + 9)(x + 7)$ =

(20) $(4x + y)^2$ =

式の展開 係数・2文字（20問）　版I

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(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J

組　　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(4x + 3y)^2$ =

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

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

(4) $(5x + 3)(x + 7)$ =

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

(6) $(x + 2)(4x + 9)$ =

(7) $(x + 2y)(x - 2y)$ =

(8) $(5x - 6y)^2$ =

(9) $(4x - 3)(5x + 1)$ =

(10) $(2x + 5)(x + 4)$ =

(11) $(2x + y)(3x - y)$ =

(12) $(5x + 3y)(5x - 3y)$ =

(13) $(5x - 9)(5x - 7)$ =

(14) $(x - 9)(3x + 8)$ =

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

(16) $(3x - 5)(5x + 6)$ =

(17) $(x - 4)(3x - 7)$ =

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

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

(20) $(3x + 2y)(3x - 2y)$ =

式の展開 係数・2文字（20問）　版K

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

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

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

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

(4) $(6x + 5y)(6x - 5y) =$

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

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

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

(8) $(2x - 9)(4x + 9) =$

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

(10) $(5x + 3y)(5x - 3y) =$

(11) $(x + 4y)^2 =$

(12) $(3x - 4y)(3x - 5y) =$

(13) $(x + 7)(4x - 3) =$

(14) $(5x + 7)(5x + 3) =$

(15) $(3x + 2y)(x - y) =$

(16) $(4x - 3y)^2 =$

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

(18) $(5x + 6)(3x - 8) =$

(19) $(5x - 4)(2x - 9) =$

(20) $(2x + 3)(x + 8) =$

式の展開 係数・2文字（20問）　版L

組　　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(x + 2y)(x - 2y) =$

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

(3) $(x + 3)(4x + 7) =$

(4) $(x - 6)(3x - 5) =$

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

(6) $(x + 2y)^2 =$

(7) $(4x - 3)(2x - 5) =$

(8) $(3x + 4)(4x - 1) =$

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

(10) $(5x + 4)(5x - 1) =$

(11) $(5x + 6y)(5x - 6y) =$

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

(13) $(5x - 6)(x - 3) =$

(14) $(4x + 5y)(2x + y) =$

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

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

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

(18) $(2x - 9)(2x + 3) =$

(19) $(x + 6y)^2 =$

(20) $(2x - y)(x - y) =$

式の展開 係数・2文字（20問）　版M

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(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N

組　　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

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

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

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

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

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

(6) $(3x - 5)(2x + 3) =$

(7) $(x + 2y)(x + 3y) =$

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

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

(10) $(5x - 3y)^2 =$

(11) $(3x - 2y)(4x - 3y) =$

(12) $(4x + 5)(3x + 7) =$

(13) $(x + 6)(4x + 9) =$

(14) $(2x - 5)(4x - 5) =$

(15) $(x + 3y)^2 =$

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

(17) $(3x - 1)(2x - 5) =$

(18) $(2x + y)(4x - 3y) =$

(19) $(2x + 9)(x + 7) =$

(20) $(2x + 3y)^2 =$

式の展開 係数・2文字（20問）　版O

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(4x - 3y)^2$ =

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

(3) $(2x + 3)(x - 9)$ =

(4) $(3x + 5y)(3x - 5y)$ =

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

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

(7) $(3x - 1)(2x + 5)$ =

(8) $(5x - y)^2$ =

(9) $(x + 5y)(3x - 4y)$ =

(10) $(2x + 9)(4x - 1)$ =

(11) $(3x + 2y)(x - 3y)$ =

(12) $(x + 6y)^2$ =

(13) $(4x + 3y)(4x - 3y)$ =

(14) $(3x + 2)(x + 8)$ =

(15) $(3x - 5y)(x - 5y)$ =

(16) $(x + 1)(4x - 9)$ =

(17) $(2x - 9)(3x - 7)$ =

(18) $(5x + 4y)(5x - 4y)$ =

(19) $(5x - 4)(4x + 5)$ =

(20) $(4x + 7)(2x - 9)$ =

式の展開 係数・2文字（20問）　版P

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(2x - y)^2$ =

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

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

(4) $(3x + 4)(x - 9)$ =

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

(6) $(3x + 8)(4x - 3)$ =

(7) $(5x + 8)(x + 3)$ =

(8) $(4x - y)(2x + y)$ =

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

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

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

(12) $(x - 5y)^2$ =

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

(14) $(5x - 4)(x - 9)$ =

(15) $(3x - 5)(5x + 7)$ =

(16) $(5x - 2)(2x - 3)$ =

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

(18) $(x + 2y)(x - 2y)$ =

(19) $(3x - 7)(5x + 2)$ =

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

式の展開 係数・2文字（20問）　版Q

組　番　　なまえ：＿＿＿＿＿＿＿＿＿＿　　／20問

(1) $(4x + 7)(x + 4) =$

(2) $(3x - 7)(5x + 3) =$

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

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

(5) $(4x - 3y)^2 =$

(6) $(3x + 4y)(x + 6y) =$

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

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

(9) $(2x + 1)(x - 7) =$

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

(11) $(3x - 2)(x - 1) =$

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

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

(14) $(5x + 9)(5x - 4) =$

(15) $(2x - y)(3x - y) =$

(16) $(4x - y)(x + y) =$

(17) $(4x - 5y)^2 =$

(18) $(3x + 4)(5x + 7) =$

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

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

式の展開 係数・2文字（20問）　版A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) $(3x - 4y)^2$
$= 9x^2 - 24xy + 16y^2$

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

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

(4) $(5x + 8)(5x + 9)$
$= 25x^2 + 85x + 72$

(5) $(5x + 8)(2x - 9)$
$= 10x^2 - 29x - 72$

(6) $(4x + 3y)(4x - 3y)$
$= 16x^2 - 9y^2$

(7) $(4x + 3y)(x + 2y)$
$= 4x^2 + 11xy + 6y^2$

(8) $(5x + 2)(5x + 3)$
$= 25x^2 + 25x + 6$

(9) $(x - 3)(5x + 8)$
$= 5x^2 - 7x - 24$

(10) $(2x + 9)(5x - 4)$
$= 10x^2 + 37x - 36$

(11) $(3x - 5y)^2$
$= 9x^2 - 30xy + 25y^2$

(12) $(x - 4y)(4x - 5y)$
$= 4x^2 - 21xy + 20y^2$

(13) $(5x - 6)(5x + 1)$
$= 25x^2 - 25x - 6$

(14) $(x + 3y)(3x - 4y)$
$= 3x^2 + 5xy - 12y^2$

(15) $(5x + y)(5x - y)$
$= 25x^2 - y^2$

(16) $(3x + 5y)(3x - 5y)$
$= 9x^2 - 25y^2$

(17) $(3x + 8)(3x + 5)$
$= 9x^2 + 39x + 40$

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

(19) $(2x + 5y)(3x + y)$
$= 6x^2 + 17xy + 5y^2$

(20) $(5x + y)^2$
$= 25x^2 + 10xy + y^2$

式の展開 係数・2文字（20問）　版B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) $(4x + 5y)(4x - 5y)$
$= 16x^2 - 25y^2$

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

(3) $(x - 6y)(4x + 3y)$
$= 4x^2 - 21xy - 18y^2$

(4) $(3x - 2y)(3x - 4y)$
$= 9x^2 - 18xy + 8y^2$

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

(6) $(5x + 9)(x - 9)$
$= 5x^2 - 36x - 81$

(7) $(2x - 9)(x + 8)$
$= 2x^2 + 7x - 72$

(8) $(3x - 7)(x + 6)$
$= 3x^2 + 11x - 42$

(9) $(x - 5y)^2$
$= x^2 - 10xy + 25y^2$

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

(11) $(x - 9)(3x + 7)$
$= 3x^2 - 20x - 63$

(12) $(5x + 1)(2x - 3)$
$= 10x^2 - 13x - 3$

(13) $(x + 9)(4x - 3)$
$= 4x^2 + 33x - 27$

(14) $(3x - 5y)(x - 5y)$
$= 3x^2 - 20xy + 25y^2$

(15) $(5x + 2y)^2$
$= 25x^2 + 20xy + 4y^2$

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

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

(18) $(x - 8)(3x - 7)$
$= 3x^2 - 31x + 56$

(19) $(5x + 7)(5x - 1)$
$= 25x^2 + 30x - 7$

(20) $(2x - 3y)(x + 2y)$
$= 2x^2 + xy - 6y^2$

式の展開 係数・2文字（20問）　版C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) $(3x + 8)(x - 4)$
$= 3x^2 - 4x - 32$

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

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

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

(5) $(3x - 5y)(3x - y)$
$= 9x^2 - 18xy + 5y^2$

(6) $(2x - 5y)(2x + 3y)$
$= 4x^2 - 4xy - 15y^2$

(7) $(4x - y)(x - 5y)$
$= 4x^2 - 21xy + 5y^2$

(8) $(4x - 5y)^2$
$= 16x^2 - 40xy + 25y^2$

(9) $(x + 7)(2x + 9)$
$= 2x^2 + 23x + 63$

(10) $(2x - 5)(2x - 9)$
$= 4x^2 - 28x + 45$

(11) $(x + 1)(5x - 8)$
$= 5x^2 - 3x - 8$

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

(13) $(3x + 2)(5x - 6)$
$= 15x^2 - 8x - 12$

(14) $(2x - 5)(3x + 7)$
$= 6x^2 - x - 35$

(15) $(3x + 2)(x - 3)$
$= 3x^2 - 7x - 6$

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

(17) $(4x + 3y)(x - 4y)$
$= 4x^2 - 13xy - 12y^2$

(18) $(3x - 4y)(x - 6y)$
$= 3x^2 - 22xy + 24y^2$

(19) $(4x + y)(4x - y)$
$= 16x^2 - y^2$

(20) $(5x - 8)(4x + 5)$
$= 20x^2 - 7x - 40$

式の展開 係数・2文字（20問）　版D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) $(4x - 9)(3x - 1)$
$= 12x^2 - 31x + 9$

(2) $(3x + 7)(4x - 9)$
$= 12x^2 + x - 63$

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

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

(5) $(2x + 9)(4x - 5)$
$= 8x^2 + 26x - 45$

(6) $(x - 3)(3x + 8)$
$= 3x^2 - x - 24$

(7) $(3x + 2y)(3x - 2y)$
$= 9x^2 - 4y^2$

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

(9) $(4x - 5y)(3x - 4y)$
$= 12x^2 - 31xy + 20y^2$

(10) $(5x + 7)(5x - 6)$
$= 25x^2 + 5x - 42$

(11) $(4x + 9)(x - 2)$
$= 4x^2 + x - 18$

(12) $(3x + 4)(x - 9)$
$= 3x^2 - 23x - 36$

(13) $(x - 4y)(4x - 3y)$
$= 4x^2 - 19xy + 12y^2$

(14) $(2x - 7)(4x - 5)$
$= 8x^2 - 38x + 35$

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

(16) $(2x - 5y)(4x - 3y)$
$= 8x^2 - 26xy + 15y^2$

(17) $(2x + 3y)^2$
$= 4x^2 + 12xy + 9y^2$

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

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

(20) $(2x + 3y)(x + 5y)$
$= 2x^2 + 13xy + 15y^2$

式の展開 係数・2文字（20問）　版E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) $(5x - 1)(5x - 3)$
$= 25x^2 - 20x + 3$

(2) $(3x + 8)(5x + 9)$
$= 15x^2 + 67x + 72$

(3) $(x + 9)(2x - 7)$
$= 2x^2 + 11x - 63$

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

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

(6) $(3x + 4y)^2$
$= 9x^2 + 24xy + 16y^2$

(7) $(5x + 1)(4x - 1)$
$= 20x^2 - x - 1$

(8) $(2x + 3y)(2x - 3y)$
$= 4x^2 - 9y^2$

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

(10) $(5x + 7)(x + 8)$
$= 5x^2 + 47x + 56$

(11) $(4x - y)^2$
$= 16x^2 - 8xy + y^2$

(12) $(x + 2y)(4x + 5y)$
$= 4x^2 + 13xy + 10y^2$

(13) $(3x + 8)(2x - 7)$
$= 6x^2 - 5x - 56$

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

(15) $(5x + 1)(x + 1)$
$= 5x^2 + 6x + 1$

(16) $(3x + y)(4x + 5y)$
$= 12x^2 + 19xy + 5y^2$

(17) $(x - 6y)(4x - y)$
$= 4x^2 - 25xy + 6y^2$

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

(19) $(2x + 5y)(2x - 5y)$
$= 4x^2 - 25y^2$

(20) $(5x + 1)(2x + 9)$
$= 10x^2 + 47x + 9$

式の展開 係数・2文字（20問）　版F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) $(x - 7)(3x + 7)$
$= 3x^2 - 14x - 49$

(2) $(2x + 5)(2x - 7)$
$= 4x^2 - 4x - 35$

(3) $(6x + y)(6x - y)$
$= 36x^2 - y^2$

(4) $(3x + 5y)(2x + 3y)$
$= 6x^2 + 19xy + 15y^2$

(5) $(4x + y)(2x + y)$
$= 8x^2 + 6xy + y^2$

(6) $(4x - 7)(x + 8)$
$= 4x^2 + 25x - 56$

(7) $(5x + 2)(4x + 7)$
$= 20x^2 + 43x + 14$

(8) $(4x - 5y)(3x + y)$
$= 12x^2 - 11xy - 5y^2$

(9) $(5x + 4y)^2$
$= 25x^2 + 40xy + 16y^2$

(10) $(3x + 2y)^2$
$= 9x^2 + 12xy + 4y^2$

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

(12) $(5x + 8)(5x - 9)$
$= 25x^2 - 5x - 72$

(13) $(5x + 6y)^2$
$= 25x^2 + 60xy + 36y^2$

(14) $(3x + 8)(2x + 5)$
$= 6x^2 + 31x + 40$

(15) $(5x + 6y)(5x - 6y)$
$= 25x^2 - 36y^2$

(16) $(2x - 7)(x - 1)$
$= 2x^2 - 9x + 7$

(17) $(5x - 2)(x + 8)$
$= 5x^2 + 38x - 16$

(18) $(4x + y)(3x + 5y)$
$= 12x^2 + 23xy + 5y^2$

(19) $(x + 4y)(x + 3y)$
$= x^2 + 7xy + 12y^2$

(20) $(2x + 5y)(x - y)$
$= 2x^2 + 3xy - 5y^2$

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

式の展開 係数・2文字（20問）　版H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) $(5x + 4y)^2$
$= 25x^2 + 40xy + 16y^2$

(2) $(5x - 4)(3x + 1)$
$= 15x^2 - 7x - 4$

(3) $(3x + 4y)(2x - 5y)$
$= 6x^2 - 7xy - 20y^2$

(4) $(3x + 8)(4x + 1)$
$= 12x^2 + 35x + 8$

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

(6) $(5x + 3y)^2$
$= 25x^2 + 30xy + 9y^2$

(7) $(3x - 5y)(3x + y)$
$= 9x^2 - 12xy - 5y^2$

(8) $(2x - y)(x - 2y)$
$= 2x^2 - 5xy + 2y^2$

(9) $(2x + 1)(4x + 1)$
$= 8x^2 + 6x + 1$

(10) $(2x + 5y)(3x - 5y)$
$= 6x^2 + 5xy - 25y^2$

(11) $(3x + 7)(2x + 5)$
$= 6x^2 + 29x + 35$

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

(13) $(3x + 2y)(4x + 5y)$
$= 12x^2 + 23xy + 10y^2$

(14) $(3x + 2y)(3x - 2y)$
$= 9x^2 - 4y^2$

(15) $(5x + 6y)(5x - 6y)$
$= 25x^2 - 36y^2$

(16) $(4x + 3y)(x + 6y)$
$= 4x^2 + 27xy + 18y^2$

(17) $(x + 2)(5x - 4)$
$= 5x^2 + 6x - 8$

(18) $(4x - 9)(x - 9)$
$= 4x^2 - 45x + 81$

(19) $(5x + 9)(x + 7)$
$= 5x^2 + 44x + 63$

(20) $(4x + y)^2$
$= 16x^2 + 8xy + y^2$

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

式の展開 係数・2文字（20問）　版J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) $(4x + 3y)^2$
$= 16x^2 + 24xy + 9y^2$

(2) $(4x - y)(4x - 5y)$
$= 16x^2 - 24xy + 5y^2$

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

(4) $(5x + 3)(x + 7)$
$= 5x^2 + 38x + 21$

(5) $(x + 6y)(3x - y)$
$= 3x^2 + 17xy - 6y^2$

(6) $(x + 2)(4x + 9)$
$= 4x^2 + 17x + 18$

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

(8) $(5x - 6y)^2$
$= 25x^2 - 60xy + 36y^2$

(9) $(4x - 3)(5x + 1)$
$= 20x^2 - 11x - 3$

(10) $(2x + 5)(x + 4)$
$= 2x^2 + 13x + 20$

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

(12) $(5x + 3y)(5x - 3y)$
$= 25x^2 - 9y^2$

(13) $(5x - 9)(5x - 7)$
$= 25x^2 - 80x + 63$

(14) $(x - 9)(3x + 8)$
$= 3x^2 - 19x - 72$

(15) $(x - 5y)(3x - 4y)$
$= 3x^2 - 19xy + 20y^2$

(16) $(3x - 5)(5x + 6)$
$= 15x^2 - 7x - 30$

(17) $(x - 4)(3x - 7)$
$= 3x^2 - 19x + 28$

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

(19) $(2x - 5y)(x + 4y)$
$= 2x^2 + 3xy - 20y^2$

(20) $(3x + 2y)(3x - 2y)$
$= 9x^2 - 4y^2$

式の展開 係数・2文字（20問）　版K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) $(3x + 4y)(3x - y)$
$= 9x^2 + 9xy - 4y^2$

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

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

(4) $(6x + 5y)(6x - 5y)$
$= 36x^2 - 25y^2$

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

(6) $(x - 5)(3x - 5)$
$= 3x^2 - 20x + 25$

(7) $(x - 4)(2x + 5)$
$= 2x^2 - 3x - 20$

(8) $(2x - 9)(4x + 9)$
$= 8x^2 - 18x - 81$

(9) $(2x + y)(2x + 5y)$
$= 4x^2 + 12xy + 5y^2$

(10) $(5x + 3y)(5x - 3y)$
$= 25x^2 - 9y^2$

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

(12) $(3x - 4y)(3x - 5y)$
$= 9x^2 - 27xy + 20y^2$

(13) $(x + 7)(4x - 3)$
$= 4x^2 + 25x - 21$

(14) $(5x + 7)(5x + 3)$
$= 25x^2 + 50x + 21$

(15) $(3x + 2y)(x - y)$
$= 3x^2 - xy - 2y^2$

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

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

(18) $(5x + 6)(3x - 8)$
$= 15x^2 - 22x - 48$

(19) $(5x - 4)(2x - 9)$
$= 10x^2 - 53x + 36$

(20) $(2x + 3)(x + 8)$
$= 2x^2 + 19x + 24$

式の展開 係数・2文字（20問）　版L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) $(x + 2y)(x - 2y)$
$= x^2 - 4y^2$

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

(3) $(x + 3)(4x + 7)$
$= 4x^2 + 19x + 21$

(4) $(x - 6)(3x - 5)$
$= 3x^2 - 23x + 30$

(5) $(3x - 2y)(x + 6y)$
$= 3x^2 + 16xy - 12y^2$

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

(7) $(4x - 3)(2x - 5)$
$= 8x^2 - 26x + 15$

(8) $(3x + 4)(4x - 1)$
$= 12x^2 + 13x - 4$

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

(10) $(5x + 4)(5x - 1)$
$= 25x^2 + 15x - 4$

(11) $(5x + 6y)(5x - 6y)$
$= 25x^2 - 36y^2$

(12) $(4x - 3y)(3x - 4y)$
$= 12x^2 - 25xy + 12y^2$

(13) $(5x - 6)(x - 3)$
$= 5x^2 - 21x + 18$

(14) $(4x + 5y)(2x + y)$
$= 8x^2 + 14xy + 5y^2$

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

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

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

(18) $(2x - 9)(2x + 3)$
$= 4x^2 - 12x - 27$

(19) $(x + 6y)^2$
$= x^2 + 12xy + 36y^2$

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

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

式の展開 係数・2文字（20問）　版N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) $(4x + 5y)(4x - 5y)$
$= 16x^2 - 25y^2$

(2) $(2x - 5y)(3x + 4y)$
$= 6x^2 - 7xy - 20y^2$

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

(4) $(3x - 2y)(x - 4y)$
$= 3x^2 - 14xy + 8y^2$

(5) $(x - 7)(3x + 2)$
$= 3x^2 - 19x - 14$

(6) $(3x - 5)(2x + 3)$
$= 6x^2 - x - 15$

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

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

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

(10) $(5x - 3y)^2$
$= 25x^2 - 30xy + 9y^2$

(11) $(3x - 2y)(4x - 3y)$
$= 12x^2 - 17xy + 6y^2$

(12) $(4x + 5)(3x + 7)$
$= 12x^2 + 43x + 35$

(13) $(x + 6)(4x + 9)$
$= 4x^2 + 33x + 54$

(14) $(2x - 5)(4x - 5)$
$= 8x^2 - 30x + 25$

(15) $(x + 3y)^2$
$= x^2 + 6xy + 9y^2$

(16) $(x - 2)(3x + 2)$
$= 3x^2 - 4x - 4$

(17) $(3x - 1)(2x - 5)$
$= 6x^2 - 17x + 5$

(18) $(2x + y)(4x - 3y)$
$= 8x^2 - 2xy - 3y^2$

(19) $(2x + 9)(x + 7)$
$= 2x^2 + 23x + 63$

(20) $(2x + 3y)^2$
$= 4x^2 + 12xy + 9y^2$

式の展開 係数・2文字（20問）　版O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) $(4x - 3y)^2$
$= 16x^2 - 24xy + 9y^2$

(2) $(3x + 2y)(2x + 5y)$
$= 6x^2 + 19xy + 10y^2$

(3) $(2x + 3)(x - 9)$
$= 2x^2 - 15x - 27$

(4) $(3x + 5y)(3x - 5y)$
$= 9x^2 - 25y^2$

(5) $(2x + y)(4x - 5y)$
$= 8x^2 - 6xy - 5y^2$

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

(7) $(3x - 1)(2x + 5)$
$= 6x^2 + 13x - 5$

(8) $(5x - y)^2$
$= 25x^2 - 10xy + y^2$

(9) $(x + 5y)(3x - 4y)$
$= 3x^2 + 11xy - 20y^2$

(10) $(2x + 9)(4x - 1)$
$= 8x^2 + 34x - 9$

(11) $(3x + 2y)(x - 3y)$
$= 3x^2 - 7xy - 6y^2$

(12) $(x + 6y)^2$
$= x^2 + 12xy + 36y^2$

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

(14) $(3x + 2)(x + 8)$
$= 3x^2 + 26x + 16$

(15) $(3x - 5y)(x - 5y)$
$= 3x^2 - 20xy + 25y^2$

(16) $(x + 1)(4x - 9)$
$= 4x^2 - 5x - 9$

(17) $(2x - 9)(3x - 7)$
$= 6x^2 - 41x + 63$

(18) $(5x + 4y)(5x - 4y)$
$= 25x^2 - 16y^2$

(19) $(5x - 4)(4x + 5)$
$= 20x^2 + 9x - 20$

(20) $(4x + 7)(2x - 9)$
$= 8x^2 - 22x - 63$

式の展開 係数・2文字（20問）　版P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) $(2x - y)^2$
$= 4x^2 - 4xy + y^2$

(2) $(3x + y)(3x + 4y)$
$= 9x^2 + 15xy + 4y^2$

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

(4) $(3x + 4)(x - 9)$
$= 3x^2 - 23x - 36$

(5) $(3x + 2y)(3x + 4y)$
$= 9x^2 + 18xy + 8y^2$

(6) $(3x + 8)(4x - 3)$
$= 12x^2 + 23x - 24$

(7) $(5x + 8)(x + 3)$
$= 5x^2 + 23x + 24$

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

(9) $(4x + 9)(5x + 4)$
$= 20x^2 + 61x + 36$

(10) $(3x + 2y)(2x + 3y)$
$= 6x^2 + 13xy + 6y^2$

(11) $(5x + y)(5x - y)$
$= 25x^2 - y^2$

(12) $(x - 5y)^2$
$= x^2 - 10xy + 25y^2$

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

(14) $(5x - 4)(x - 9)$
$= 5x^2 - 49x + 36$

(15) $(3x - 5)(5x + 7)$
$= 15x^2 - 4x - 35$

(16) $(5x - 2)(2x - 3)$
$= 10x^2 - 19x + 6$

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

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

(19) $(3x - 7)(5x + 2)$
$= 15x^2 - 29x - 14$

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

式の展開 係数・2文字（20問）　版Q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) $(4x + 7)(x + 4)$
$= 4x^2 + 23x + 28$

(2) $(3x - 7)(5x + 3)$
$= 15x^2 - 26x - 21$

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

(4) $(5x - 4)(2x + 5)$
$= 10x^2 + 17x - 20$

(5) $(4x - 3y)^2$
$= 16x^2 - 24xy + 9y^2$

(6) $(3x + 4y)(x + 6y)$
$= 3x^2 + 22xy + 24y^2$

(7) $(3x + 4y)^2$
$= 9x^2 + 24xy + 16y^2$

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

(9) $(2x + 1)(x - 7)$
$= 2x^2 - 13x - 7$

(10) $(x + 3y)(4x + 3y)$
$= 4x^2 + 15xy + 9y^2$

(11) $(3x - 2)(x - 1)$
$= 3x^2 - 5x + 2$

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

(13) $(3x - 1)(3x + 2)$
$= 9x^2 + 3x - 2$

(14) $(5x + 9)(5x - 4)$
$= 25x^2 + 25x - 36$

(15) $(2x - y)(3x - y)$
$= 6x^2 - 5xy + y^2$

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

(17) $(4x - 5y)^2$
$= 16x^2 - 40xy + 25y^2$

(18) $(3x + 4)(5x + 7)$
$= 15x^2 + 41x + 28$

(19) $(3x + 2y)(x - 6y)$
$= 3x^2 - 16xy - 12y^2$

(20) $(2x - 5y)(4x + 5y)$
$= 8x^2 - 10xy - 25y^2$