因数分解 たすき掛け（20問）　版C

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $25x^2 + 25xy + 4y^2 =$

(2) $12x^2 + 23x - 24 =$

(3) $15x^2 + 14x + 3 =$

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

(5) $6x^2 + 17x + 10 =$

(6) $6x^2 - 29x - 5 =$

(7) $15x^2 - 43xy + 30y^2 =$

(8) $12x^2 - 19x + 5 =$

(9) $6x^2 - 7x + 1 =$

(10) $30x^2 + x - 20 =$

(11) $4x^2 + 27x - 40 =$

(12) $15x^2 - 17xy - 4y^2 =$

(13) $15x^2 - 4x - 3 =$

(14) $25x^2 - 5x - 6 =$

(15) $20x^2 + 9x - 18 =$

(16) $4x^2 - 13x - 12 =$

(17) $12x^2 - 23xy + 5y^2 =$

(18) $10x^2 + 33x - 54 =$

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

(20) $5x^2 + 23x - 42 =$

因数分解 たすき掛け（20問）　版Cの答え

※ 余白にたすき掛けの図を書いた跡があるかを見てください。

(1) $25x^2 + 25xy + 4y^2$
$= (5x + y)(5x + 4y)$

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

(3) $15x^2 + 14x + 3$
$= (3x + 1)(5x + 3)$

(4) $12x^2 - 4xy - 5y^2$
$= (2x + y)(6x - 5y)$

(5) $6x^2 + 17x + 10$
$= (x + 2)(6x + 5)$

(6) $6x^2 - 29x - 5$
$= (x - 5)(6x + 1)$

(7) $15x^2 - 43xy + 30y^2$
$= (3x - 5y)(5x - 6y)$

(8) $12x^2 - 19x + 5$
$= (3x - 1)(4x - 5)$

(9) $6x^2 - 7x + 1$
$= (x - 1)(6x - 1)$

(10) $30x^2 + x - 20$
$= (5x - 4)(6x + 5)$

(11) $4x^2 + 27x - 40$
$= (x + 8)(4x - 5)$

(12) $15x^2 - 17xy - 4y^2$
$= (3x - 4y)(5x + y)$

(13) $15x^2 - 4x - 3$
$= (3x + 1)(5x - 3)$

(14) $25x^2 - 5x - 6$
$= (5x - 3)(5x + 2)$

(15) $20x^2 + 9x - 18$
$= (4x - 3)(5x + 6)$

(16) $4x^2 - 13x - 12$
$= (x - 4)(4x + 3)$

(17) $12x^2 - 23xy + 5y^2$
$= (3x - 5y)(4x - y)$

(18) $10x^2 + 33x - 54$
$= (2x + 9)(5x - 6)$

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

(20) $5x^2 + 23x - 42$
$= (x + 6)(5x - 7)$