因数分解 たすき掛け（20問）　版K

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $6x^2 + 7x - 49 =$

(2) $5x^2 - 27x + 28 =$

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

(4) $30x^2 + 49xy + 20y^2 =$

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

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

(7) $15x^2 + 46x + 35 =$

(8) $6x^2 + 41x - 56 =$

(9) $20x^2 + x - 1 =$

(10) $18x^2 - 15x - 7 =$

(11) $5x^2 + 2xy - 7y^2 =$

(12) $18x^2 - 45xy + 25y^2 =$

(13) $24x^2 - 2xy - y^2 =$

(14) $5x^2 + 8xy - 21y^2 =$

(15) $4x^2 - 11x + 7 =$

(16) $15x^2 - 22x - 5 =$

(17) $30x^2 + 19x - 4 =$

(18) $2x^2 - 9x - 56 =$

(19) $8x^2 - 18x + 7 =$

(20) $5x^2 - 28x - 49 =$

因数分解 たすき掛け（20問）　版K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) $6x^2 + 7x - 49$
$= (2x + 7)(3x - 7)$

(2) $5x^2 - 27x + 28$
$= (x - 4)(5x - 7)$

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

(4) $30x^2 + 49xy + 20y^2$
$= (5x + 4y)(6x + 5y)$

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

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

(7) $15x^2 + 46x + 35$
$= (3x + 5)(5x + 7)$

(8) $6x^2 + 41x - 56$
$= (x + 8)(6x - 7)$

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

(10) $18x^2 - 15x - 7$
$= (3x + 1)(6x - 7)$

(11) $5x^2 + 2xy - 7y^2$
$= (x - y)(5x + 7y)$

(12) $18x^2 - 45xy + 25y^2$
$= (3x - 5y)(6x - 5y)$

(13) $24x^2 - 2xy - y^2$
$= (4x - y)(6x + y)$

(14) $5x^2 + 8xy - 21y^2$
$= (x + 3y)(5x - 7y)$

(15) $4x^2 - 11x + 7$
$= (x - 1)(4x - 7)$

(16) $15x^2 - 22x - 5$
$= (3x - 5)(5x + 1)$

(17) $30x^2 + 19x - 4$
$= (5x + 4)(6x - 1)$

(18) $2x^2 - 9x - 56$
$= (x - 8)(2x + 7)$

(19) $8x^2 - 18x + 7$
$= (2x - 1)(4x - 7)$

(20) $5x^2 - 28x - 49$
$= (x - 7)(5x + 7)$