因数分解 たすき掛け（20問）　版Q

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $5x^2 - xy - 6y^2 =$

(2) $4x^2 + 24x + 35 =$

(3) $12x^2 + 28x - 5 =$

(4) $4x^2 - 23xy + 15y^2 =$

(5) $4x^2 + 33x + 35 =$

(6) $4x^2 + 17x - 42 =$

(7) $6x^2 + 43x + 7 =$

(8) $30x^2 - 53xy + 21y^2 =$

(9) $20x^2 - 47xy + 21y^2 =$

(10) $4x^2 - 4x - 35 =$

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

(12) $10x^2 + 41x + 21 =$

(13) $15x^2 - 38xy + 7y^2 =$

(14) $20x^2 - 73x + 63 =$

(15) $6x^2 + 35x - 6 =$

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

(17) $6x^2 + 29x + 28 =$

(18) $15x^2 - 8x - 16 =$

(19) $8x^2 + 46x + 45 =$

(20) $12x^2 + 32x - 35 =$

因数分解 たすき掛け（20問）　版Q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) $5x^2 - xy - 6y^2$
$= (x + y)(5x - 6y)$

(2) $4x^2 + 24x + 35$
$= (2x + 5)(2x + 7)$

(3) $12x^2 + 28x - 5$
$= (2x + 5)(6x - 1)$

(4) $4x^2 - 23xy + 15y^2$
$= (x - 5y)(4x - 3y)$

(5) $4x^2 + 33x + 35$
$= (x + 7)(4x + 5)$

(6) $4x^2 + 17x - 42$
$= (x + 6)(4x - 7)$

(7) $6x^2 + 43x + 7$
$= (x + 7)(6x + 1)$

(8) $30x^2 - 53xy + 21y^2$
$= (5x - 3y)(6x - 7y)$

(9) $20x^2 - 47xy + 21y^2$
$= (4x - 7y)(5x - 3y)$

(10) $4x^2 - 4x - 35$
$= (2x - 7)(2x + 5)$

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

(12) $10x^2 + 41x + 21$
$= (2x + 7)(5x + 3)$

(13) $15x^2 - 38xy + 7y^2$
$= (3x - 7y)(5x - y)$

(14) $20x^2 - 73x + 63$
$= (4x - 9)(5x - 7)$

(15) $6x^2 + 35x - 6$
$= (x + 6)(6x - 1)$

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

(17) $6x^2 + 29x + 28$
$= (2x + 7)(3x + 4)$

(18) $15x^2 - 8x - 16$
$= (3x - 4)(5x + 4)$

(19) $8x^2 + 46x + 45$
$= (2x + 9)(4x + 5)$

(20) $12x^2 + 32x - 35$
$= (2x + 7)(6x - 5)$