因数分解 たすき掛け（20問）　版H

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $6x^2 + 13xy + 2y^2 =$

(2) $30x^2 + 37x + 10 =$

(3) $5x^2 + 24x - 36 =$

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

(5) $3x^2 - 34x + 63 =$

(6) $15x^2 - 67x + 72 =$

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

(8) $20x^2 - 7xy - 3y^2 =$

(9) $16x^2 + 8x - 3 =$

(10) $5x^2 - 14x + 8 =$

(11) $6x^2 - 43x - 40 =$

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

(13) $8x^2 - 6x - 27 =$

(14) $5x^2 + 13x - 28 =$

(15) $3x^2 - 25x + 42 =$

(16) $3x^2 - 11x - 4 =$

(17) $12x^2 - 41xy + 35y^2 =$

(18) $10x^2 + x - 21 =$

(19) $16x^2 - 24xy - 7y^2 =$

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

因数分解 たすき掛け（20問）　版H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) $6x^2 + 13xy + 2y^2$
$= (x + 2y)(6x + y)$

(2) $30x^2 + 37x + 10$
$= (5x + 2)(6x + 5)$

(3) $5x^2 + 24x - 36$
$= (x + 6)(5x - 6)$

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

(5) $3x^2 - 34x + 63$
$= (x - 9)(3x - 7)$

(6) $15x^2 - 67x + 72$
$= (3x - 8)(5x - 9)$

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

(8) $20x^2 - 7xy - 3y^2$
$= (4x + y)(5x - 3y)$

(9) $16x^2 + 8x - 3$
$= (4x - 1)(4x + 3)$

(10) $5x^2 - 14x + 8$
$= (x - 2)(5x - 4)$

(11) $6x^2 - 43x - 40$
$= (x - 8)(6x + 5)$

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

(13) $8x^2 - 6x - 27$
$= (2x + 3)(4x - 9)$

(14) $5x^2 + 13x - 28$
$= (x + 4)(5x - 7)$

(15) $3x^2 - 25x + 42$
$= (x - 6)(3x - 7)$

(16) $3x^2 - 11x - 4$
$= (x - 4)(3x + 1)$

(17) $12x^2 - 41xy + 35y^2$
$= (3x - 5y)(4x - 7y)$

(18) $10x^2 + x - 21$
$= (2x + 3)(5x - 7)$

(19) $16x^2 - 24xy - 7y^2$
$= (4x - 7y)(4x + y)$

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