因数分解 たすき掛け（20問）　版G

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $6x^2 - 53x + 40 =$

(2) $25x^2 - 5x - 72 =$

(3) $15x^2 + 19xy - 10y^2 =$

(4) $30x^2 - 47xy + 7y^2 =$

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

(6) $15x^2 + 14x - 8 =$

(7) $10x^2 - 49x + 49 =$

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

(9) $24x^2 - 2x - 15 =$

(10) $4x^2 + 21x + 27 =$

(11) $5x^2 - 28x + 15 =$

(12) $30x^2 - 17xy + 2y^2 =$

(13) $25x^2 + 30xy - 7y^2 =$

(14) $6x^2 - 25x + 21 =$

(15) $18x^2 - 33x + 14 =$

(16) $5x^2 - 17x - 12 =$

(17) $4x^2 + 23xy + 15y^2 =$

(18) $36x^2 - 1 =$

(19) $15x^2 - 17x - 18 =$

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

因数分解 たすき掛け（20問）　版G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) $6x^2 - 53x + 40$
$= (x - 8)(6x - 5)$

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

(3) $15x^2 + 19xy - 10y^2$
$= (3x + 5y)(5x - 2y)$

(4) $30x^2 - 47xy + 7y^2$
$= (5x - 7y)(6x - y)$

(5) $10x^2 - 7x - 6$
$= (2x + 1)(5x - 6)$

(6) $15x^2 + 14x - 8$
$= (3x + 4)(5x - 2)$

(7) $10x^2 - 49x + 49$
$= (2x - 7)(5x - 7)$

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

(9) $24x^2 - 2x - 15$
$= (4x + 3)(6x - 5)$

(10) $4x^2 + 21x + 27$
$= (x + 3)(4x + 9)$

(11) $5x^2 - 28x + 15$
$= (x - 5)(5x - 3)$

(12) $30x^2 - 17xy + 2y^2$
$= (5x - 2y)(6x - y)$

(13) $25x^2 + 30xy - 7y^2$
$= (5x - y)(5x + 7y)$

(14) $6x^2 - 25x + 21$
$= (x - 3)(6x - 7)$

(15) $18x^2 - 33x + 14$
$= (3x - 2)(6x - 7)$

(16) $5x^2 - 17x - 12$
$= (x - 4)(5x + 3)$

(17) $4x^2 + 23xy + 15y^2$
$= (x + 5y)(4x + 3y)$

(18) $36x^2 - 1$
$= (6x - 1)(6x + 1)$

(19) $15x^2 - 17x - 18$
$= (3x + 2)(5x - 9)$

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