因数分解 たすき掛け（20問）　版N

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $5x^2 + 52x + 63 =$

(2) $6x^2 + 23x + 21 =$

(3) $3x^2 - 8x + 5 =$

(4) $3x^2 + 19xy + 28y^2 =$

(5) $5x^2 - 24x - 5 =$

(6) $4x^2 - 11x + 6 =$

(7) $5x^2 + 24x - 36 =$

(8) $25x^2 - 10x - 63 =$

(9) $10x^2 + 9x - 40 =$

(10) $10x^2 + 23xy - 42y^2 =$

(11) $4x^2 - 16xy + 7y^2 =$

(12) $4x^2 - 31xy + 42y^2 =$

(13) $9x^2 - 3x - 56 =$

(14) $4x^2 + 4x - 63 =$

(15) $25x^2 + 20xy - 12y^2 =$

(16) $5x^2 - 18x + 16 =$

(17) $2x^2 - 9xy - 5y^2 =$

(18) $8x^2 + 2x - 45 =$

(19) $16x^2 - 40x + 9 =$

(20) $2x^2 + x - 6 =$

因数分解 たすき掛け（20問）　版N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) $5x^2 + 52x + 63$
$= (x + 9)(5x + 7)$

(2) $6x^2 + 23x + 21$
$= (2x + 3)(3x + 7)$

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

(4) $3x^2 + 19xy + 28y^2$
$= (x + 4y)(3x + 7y)$

(5) $5x^2 - 24x - 5$
$= (x - 5)(5x + 1)$

(6) $4x^2 - 11x + 6$
$= (x - 2)(4x - 3)$

(7) $5x^2 + 24x - 36$
$= (x + 6)(5x - 6)$

(8) $25x^2 - 10x - 63$
$= (5x - 9)(5x + 7)$

(9) $10x^2 + 9x - 40$
$= (2x + 5)(5x - 8)$

(10) $10x^2 + 23xy - 42y^2$
$= (2x + 7y)(5x - 6y)$

(11) $4x^2 - 16xy + 7y^2$
$= (2x - 7y)(2x - y)$

(12) $4x^2 - 31xy + 42y^2$
$= (x - 6y)(4x - 7y)$

(13) $9x^2 - 3x - 56$
$= (3x - 8)(3x + 7)$

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

(15) $25x^2 + 20xy - 12y^2$
$= (5x - 2y)(5x + 6y)$

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

(17) $2x^2 - 9xy - 5y^2$
$= (x - 5y)(2x + y)$

(18) $8x^2 + 2x - 45$
$= (2x + 5)(4x - 9)$

(19) $16x^2 - 40x + 9$
$= (4x - 9)(4x - 1)$

(20) $2x^2 + x - 6$
$= (x + 2)(2x - 3)$