因数分解 たすき掛け（20問）　版J

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $3x^2 + 11x + 6 =$

(2) $6x^2 + 49x - 45 =$

(3) $18x^2 - 45x + 25 =$

(4) $25x^2 - 25x - 36 =$

(5) $6x^2 + 25xy + 4y^2 =$

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

(7) $15x^2 - 8x - 16 =$

(8) $6x^2 + 19xy - 20y^2 =$

(9) $5x^2 + 13x + 8 =$

(10) $9x^2 + 21x + 10 =$

(11) $6x^2 - 37xy + 6y^2 =$

(12) $9x^2 + 36x + 32 =$

(13) $15x^2 + 23x + 6 =$

(14) $10x^2 + 27xy + 18y^2 =$

(15) $5x^2 - 36x - 32 =$

(16) $20x^2 - 43x + 21 =$

(17) $6x^2 - 17x - 45 =$

(18) $30x^2 + x - 20 =$

(19) $4x^2 - 15xy - 25y^2 =$

(20) $4x^2 + 29xy + 7y^2 =$

因数分解 たすき掛け（20問）　版J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) $3x^2 + 11x + 6$
$= (x + 3)(3x + 2)$

(2) $6x^2 + 49x - 45$
$= (x + 9)(6x - 5)$

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

(4) $25x^2 - 25x - 36$
$= (5x - 9)(5x + 4)$

(5) $6x^2 + 25xy + 4y^2$
$= (x + 4y)(6x + y)$

(6) $8x^2 - 14x + 5$
$= (2x - 1)(4x - 5)$

(7) $15x^2 - 8x - 16$
$= (3x - 4)(5x + 4)$

(8) $6x^2 + 19xy - 20y^2$
$= (x + 4y)(6x - 5y)$

(9) $5x^2 + 13x + 8$
$= (x + 1)(5x + 8)$

(10) $9x^2 + 21x + 10$
$= (3x + 2)(3x + 5)$

(11) $6x^2 - 37xy + 6y^2$
$= (x - 6y)(6x - y)$

(12) $9x^2 + 36x + 32$
$= (3x + 4)(3x + 8)$

(13) $15x^2 + 23x + 6$
$= (3x + 1)(5x + 6)$

(14) $10x^2 + 27xy + 18y^2$
$= (2x + 3y)(5x + 6y)$

(15) $5x^2 - 36x - 32$
$= (x - 8)(5x + 4)$

(16) $20x^2 - 43x + 21$
$= (4x - 3)(5x - 7)$

(17) $6x^2 - 17x - 45$
$= (2x - 9)(3x + 5)$

(18) $30x^2 + x - 20$
$= (5x - 4)(6x + 5)$

(19) $4x^2 - 15xy - 25y^2$
$= (x - 5y)(4x + 5y)$

(20) $4x^2 + 29xy + 7y^2$
$= (x + 7y)(4x + y)$