因数分解 たすき掛け（20問）　版F

なまえ：＿＿＿＿＿＿＿＿＿＿　　日づけ：＿＿＿＿＿＿

(1) $5x^2 + 44x - 9 =$

(2) $15x^2 - 19x - 10 =$

(3) $20x^2 - 27x - 14 =$

(4) $20x^2 - 41x + 9 =$

(5) $36x^2 - 24xy - 5y^2 =$

(6) $18x^2 - 39xy - 7y^2 =$

(7) $9x^2 + 24x + 7 =$

(8) $2x^2 - 17x + 30 =$

(9) $2x^2 + 5x - 42 =$

(10) $20x^2 - 23xy - 7y^2 =$

(11) $20x^2 - 29x + 6 =$

(12) $10x^2 + xy - 21y^2 =$

(13) $30x^2 - 77x + 49 =$

(14) $30x^2 + 23x - 14 =$

(15) $5x^2 - 18x - 35 =$

(16) $3x^2 - 17xy - 6y^2 =$

(17) $12x^2 - 23x + 10 =$

(18) $5x^2 + 31xy + 30y^2 =$

(19) $15x^2 - 13x - 6 =$

(20) $16x^2 - 48x + 35 =$

因数分解 たすき掛け（20問）　版F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) $5x^2 + 44x - 9$
$= (x + 9)(5x - 1)$

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

(3) $20x^2 - 27x - 14$
$= (4x - 7)(5x + 2)$

(4) $20x^2 - 41x + 9$
$= (4x - 1)(5x - 9)$

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

(6) $18x^2 - 39xy - 7y^2$
$= (3x - 7y)(6x + y)$

(7) $9x^2 + 24x + 7$
$= (3x + 1)(3x + 7)$

(8) $2x^2 - 17x + 30$
$= (x - 6)(2x - 5)$

(9) $2x^2 + 5x - 42$
$= (x + 6)(2x - 7)$

(10) $20x^2 - 23xy - 7y^2$
$= (4x + y)(5x - 7y)$

(11) $20x^2 - 29x + 6$
$= (4x - 1)(5x - 6)$

(12) $10x^2 + xy - 21y^2$
$= (2x + 3y)(5x - 7y)$

(13) $30x^2 - 77x + 49$
$= (5x - 7)(6x - 7)$

(14) $30x^2 + 23x - 14$
$= (5x - 2)(6x + 7)$

(15) $5x^2 - 18x - 35$
$= (x - 5)(5x + 7)$

(16) $3x^2 - 17xy - 6y^2$
$= (x - 6y)(3x + y)$

(17) $12x^2 - 23x + 10$
$= (3x - 2)(4x - 5)$

(18) $5x^2 + 31xy + 30y^2$
$= (x + 5y)(5x + 6y)$

(19) $15x^2 - 13x - 6$
$= (3x + 1)(5x - 6)$

(20) $16x^2 - 48x + 35$
$= (4x - 7)(4x - 5)$