

因数分解 たすき掛け（20問） 版B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。

$$\begin{aligned}(1) \quad & 6x^2 + 13xy - 15y^2 \\ & = (x + 3y)(6x - 5y)\end{aligned}$$

$$\begin{aligned}(2) \quad & 10x^2 - 3xy - 18y^2 \\ & = (2x - 3y)(5x + 6y)\end{aligned}$$

$$\begin{aligned}(3) \quad & 2x^2 + 11x + 15 \\ & = (x + 3)(2x + 5)\end{aligned}$$

$$\begin{aligned}(4) \quad & 30x^2 - 43x - 8 \\ & = (5x - 8)(6x + 1)\end{aligned}$$

$$\begin{aligned}(5) \quad & 3x^2 - 23xy + 30y^2 \\ & = (x - 6y)(3x - 5y)\end{aligned}$$

$$\begin{aligned}(6) \quad & 10x^2 - 7x - 12 \\ & = (2x - 3)(5x + 4)\end{aligned}$$

$$\begin{aligned}(7) \quad & 2x^2 - 11x + 12 \\ & = (x - 4)(2x - 3)\end{aligned}$$

$$\begin{aligned}(8) \quad & 6x^2 + 17x - 3 \\ & = (x + 3)(6x - 1)\end{aligned}$$

$$\begin{aligned}(9) \quad & 4x^2 + 31x + 42 \\ & = (x + 6)(4x + 7)\end{aligned}$$

$$\begin{aligned}(10) \quad & 8x^2 - 6xy - 9y^2 \\ & = (2x - 3y)(4x + 3y)\end{aligned}$$

$$\begin{aligned}(11) \quad & 20x^2 + 19x - 6 \\ & = (4x - 1)(5x + 6)\end{aligned}$$

$$\begin{aligned}(12) \quad & 30x^2 - 71x + 42 \\ & = (5x - 6)(6x - 7)\end{aligned}$$

$$\begin{aligned}(13) \quad & 10x^2 + 29x + 10 \\ & = (2x + 5)(5x + 2)\end{aligned}$$

$$\begin{aligned}(14) \quad & 5x^2 - 6x + 1 \\ & = (x - 1)(5x - 1)\end{aligned}$$

$$\begin{aligned}(15) \quad & 12x^2 + 37xy + 21y^2 \\ & = (3x + 7y)(4x + 3y)\end{aligned}$$

$$\begin{aligned}(16) \quad & 8x^2 - 2x - 3 \\ & = (2x + 1)(4x - 3)\end{aligned}$$

$$\begin{aligned}(17) \quad & 4x^2 + 31x - 8 \\ & = (x + 8)(4x - 1)\end{aligned}$$

$$\begin{aligned}(18) \quad & 5x^2 + 19xy + 12y^2 \\ & = (x + 3y)(5x + 4y)\end{aligned}$$

$$\begin{aligned}(19) \quad & 10x^2 - 13x - 3 \\ & = (2x - 3)(5x + 1)\end{aligned}$$

$$\begin{aligned}(20) \quad & 4x^2 + 12x - 27 \\ & = (2x - 3)(2x + 9)\end{aligned}$$