

## 因数分解 たすき掛け（20問） 版A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。

---

$$\begin{aligned}(1) \quad & 10x^2 - 13xy + 4y^2 \\ & = (2x - y)(5x - 4y)\end{aligned}$$

$$\begin{aligned}(2) \quad & 16x^2 - 16x - 45 \\ & = (4x - 9)(4x + 5)\end{aligned}$$

$$\begin{aligned}(3) \quad & 3x^2 + 28x + 32 \\ & = (x + 8)(3x + 4)\end{aligned}$$

$$\begin{aligned}(4) \quad & 15x^2 + 38x + 7 \\ & = (3x + 7)(5x + 1)\end{aligned}$$

$$\begin{aligned}(5) \quad & 3x^2 - 7x - 20 \\ & = (x - 4)(3x + 5)\end{aligned}$$

$$\begin{aligned}(6) \quad & 15x^2 - 31xy + 10y^2 \\ & = (3x - 5y)(5x - 2y)\end{aligned}$$

$$\begin{aligned}(7) \quad & 2x^2 + 17x + 30 \\ & = (x + 6)(2x + 5)\end{aligned}$$

$$\begin{aligned}(8) \quad & 6x^2 - 17x - 28 \\ & = (x - 4)(6x + 7)\end{aligned}$$

$$\begin{aligned}(9) \quad & 9x^2 + 18x + 5 \\ & = (3x + 1)(3x + 5)\end{aligned}$$

$$\begin{aligned}(10) \quad & 20x^2 - 37x + 15 \\ & = (4x - 5)(5x - 3)\end{aligned}$$

$$\begin{aligned}(11) \quad & 5x^2 - 36xy + 7y^2 \\ & = (x - 7y)(5x - y)\end{aligned}$$

$$\begin{aligned}(12) \quad & 3x^2 - 17x + 10 \\ & = (x - 5)(3x - 2)\end{aligned}$$

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

$$\begin{aligned}(14) \quad & 3x^2 + 14x - 24 \\ & = (x + 6)(3x - 4)\end{aligned}$$

$$\begin{aligned}(15) \quad & 20x^2 + 17x - 10 \\ & = (4x + 5)(5x - 2)\end{aligned}$$

$$\begin{aligned}(16) \quad & 20x^2 - 43x + 21 \\ & = (4x - 3)(5x - 7)\end{aligned}$$

$$\begin{aligned}(17) \quad & 15x^2 + 28xy + 5y^2 \\ & = (3x + 5y)(5x + y)\end{aligned}$$

$$\begin{aligned}(18) \quad & 24x^2 + 14x - 5 \\ & = (4x - 1)(6x + 5)\end{aligned}$$

$$\begin{aligned}(19) \quad & 30x^2 + xy - 20y^2 \\ & = (5x - 4y)(6x + 5y)\end{aligned}$$

$$\begin{aligned}(20) \quad & 20x^2 - 43xy + 21y^2 \\ & = (4x - 3y)(5x - 7y)\end{aligned}$$