

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。

$$\begin{aligned}(1) \quad & 3x^2 + 11x + 6 \\ & = (x + 3)(3x + 2)\end{aligned}$$

$$\begin{aligned}(2) \quad & 6x^2 + 49x - 45 \\ & = (x + 9)(6x - 5)\end{aligned}$$

$$\begin{aligned}(3) \quad & 18x^2 - 45x + 25 \\ & = (3x - 5)(6x - 5)\end{aligned}$$

$$\begin{aligned}(4) \quad & 25x^2 - 25x - 36 \\ & = (5x - 9)(5x + 4)\end{aligned}$$

$$\begin{aligned}(5) \quad & 6x^2 + 25xy + 4y^2 \\ & = (x + 4y)(6x + y)\end{aligned}$$

$$\begin{aligned}(6) \quad & 8x^2 - 14x + 5 \\ & = (2x - 1)(4x - 5)\end{aligned}$$

$$\begin{aligned}(7) \quad & 15x^2 - 8x - 16 \\ & = (3x - 4)(5x + 4)\end{aligned}$$

$$\begin{aligned}(8) \quad & 6x^2 + 19xy - 20y^2 \\ & = (x + 4y)(6x - 5y)\end{aligned}$$

$$\begin{aligned}(9) \quad & 5x^2 + 13x + 8 \\ & = (x + 1)(5x + 8)\end{aligned}$$

$$\begin{aligned}(10) \quad & 9x^2 + 21x + 10 \\ & = (3x + 2)(3x + 5)\end{aligned}$$

$$\begin{aligned}(11) \quad & 6x^2 - 37xy + 6y^2 \\ & = (x - 6y)(6x - y)\end{aligned}$$

$$\begin{aligned}(12) \quad & 9x^2 + 36x + 32 \\ & = (3x + 4)(3x + 8)\end{aligned}$$

$$\begin{aligned}(13) \quad & 15x^2 + 23x + 6 \\ & = (3x + 1)(5x + 6)\end{aligned}$$

$$\begin{aligned}(14) \quad & 10x^2 + 27xy + 18y^2 \\ & = (2x + 3y)(5x + 6y)\end{aligned}$$

$$\begin{aligned}(15) \quad & 5x^2 - 36x - 32 \\ & = (x - 8)(5x + 4)\end{aligned}$$

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

$$\begin{aligned}(17) \quad & 6x^2 - 17x - 45 \\ & = (2x - 9)(3x + 5)\end{aligned}$$

$$\begin{aligned}(18) \quad & 30x^2 + x - 20 \\ & = (5x - 4)(6x + 5)\end{aligned}$$

$$\begin{aligned}(19) \quad & 4x^2 - 15xy - 25y^2 \\ & = (x - 5y)(4x + 5y)\end{aligned}$$

$$\begin{aligned}(20) \quad & 4x^2 + 29xy + 7y^2 \\ & = (x + 7y)(4x + y)\end{aligned}$$