

因数分解 たすき掛け (20問) 版E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。

$$\begin{aligned}(1) \quad & 12x^2 + 37x + 28 \\ & = (3x + 4)(4x + 7)\end{aligned}$$

$$\begin{aligned}(2) \quad & 4x^2 + 24x + 35 \\ & = (2x + 5)(2x + 7)\end{aligned}$$

$$\begin{aligned}(3) \quad & 18x^2 + 39x + 20 \\ & = (3x + 4)(6x + 5)\end{aligned}$$

$$\begin{aligned}(4) \quad & 30x^2 - 37x - 7 \\ & = (5x - 7)(6x + 1)\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 16x^2 - 8x - 35 \\ & = (4x - 7)(4x + 5)\end{aligned}$$

$$\begin{aligned}(7) \quad & 20x^2 - 23xy - 21y^2 \\ & = (4x - 7y)(5x + 3y)\end{aligned}$$

$$\begin{aligned}(8) \quad & 18x^2 + 9x - 20 \\ & = (3x + 4)(6x - 5)\end{aligned}$$

$$\begin{aligned}(9) \quad & 12x^2 + 43x + 36 \\ & = (3x + 4)(4x + 9)\end{aligned}$$

$$\begin{aligned}(10) \quad & 3x^2 + 17x + 24 \\ & = (x + 3)(3x + 8)\end{aligned}$$

$$\begin{aligned}(11) \quad & 15x^2 + 44xy + 21y^2 \\ & = (3x + 7y)(5x + 3y)\end{aligned}$$

$$\begin{aligned}(12) \quad & 20x^2 - 19x - 6 \\ & = (4x + 1)(5x - 6)\end{aligned}$$

$$\begin{aligned}(13) \quad & 12x^2 + 7xy - 12y^2 \\ & = (3x + 4y)(4x - 3y)\end{aligned}$$

$$\begin{aligned}(14) \quad & 24x^2 + 58x + 35 \\ & = (4x + 5)(6x + 7)\end{aligned}$$

$$\begin{aligned}(15) \quad & 5x^2 - 7x - 24 \\ & = (x - 3)(5x + 8)\end{aligned}$$

$$\begin{aligned}(16) \quad & 3x^2 + 14x + 16 \\ & = (x + 2)(3x + 8)\end{aligned}$$

$$\begin{aligned}(17) \quad & 10x^2 + 51x + 27 \\ & = (2x + 9)(5x + 3)\end{aligned}$$

$$\begin{aligned}(18) \quad & 2x^2 + 7xy + 5y^2 \\ & = (x + y)(2x + 5y)\end{aligned}$$

$$\begin{aligned}(19) \quad & 6x^2 + 29x - 42 \\ & = (x + 6)(6x - 7)\end{aligned}$$

$$\begin{aligned}(20) \quad & 15x^2 - 29xy + 12y^2 \\ & = (3x - 4y)(5x - 3y)\end{aligned}$$