

因数分解 たすき掛け (20問) 版H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。

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

$$\begin{aligned}(2) \quad & 30x^2 + 37x + 10 \\ & = (5x + 2)(6x + 5)\end{aligned}$$

$$\begin{aligned}(3) \quad & 5x^2 + 24x - 36 \\ & = (x + 6)(5x - 6)\end{aligned}$$

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

$$\begin{aligned}(5) \quad & 3x^2 - 34x + 63 \\ & = (x - 9)(3x - 7)\end{aligned}$$

$$\begin{aligned}(6) \quad & 15x^2 - 67x + 72 \\ & = (3x - 8)(5x - 9)\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 20x^2 - 7xy - 3y^2 \\ & = (4x + y)(5x - 3y)\end{aligned}$$

$$\begin{aligned}(9) \quad & 16x^2 + 8x - 3 \\ & = (4x - 1)(4x + 3)\end{aligned}$$

$$\begin{aligned}(10) \quad & 5x^2 - 14x + 8 \\ & = (x - 2)(5x - 4)\end{aligned}$$

$$\begin{aligned}(11) \quad & 6x^2 - 43x - 40 \\ & = (x - 8)(6x + 5)\end{aligned}$$

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

$$\begin{aligned}(13) \quad & 8x^2 - 6x - 27 \\ & = (2x + 3)(4x - 9)\end{aligned}$$

$$\begin{aligned}(14) \quad & 5x^2 + 13x - 28 \\ & = (x + 4)(5x - 7)\end{aligned}$$

$$\begin{aligned}(15) \quad & 3x^2 - 25x + 42 \\ & = (x - 6)(3x - 7)\end{aligned}$$

$$\begin{aligned}(16) \quad & 3x^2 - 11x - 4 \\ & = (x - 4)(3x + 1)\end{aligned}$$

$$\begin{aligned}(17) \quad & 12x^2 - 41xy + 35y^2 \\ & = (3x - 5y)(4x - 7y)\end{aligned}$$

$$\begin{aligned}(18) \quad & 10x^2 + x - 21 \\ & = (2x + 3)(5x - 7)\end{aligned}$$

$$\begin{aligned}(19) \quad & 16x^2 - 24xy - 7y^2 \\ & = (4x - 7y)(4x + y)\end{aligned}$$

$$\begin{aligned}(20) \quad & 20x^2 + 3x - 2 \\ & = (4x - 1)(5x + 2)\end{aligned}$$