

因数分解 たすき掛け (20問) 版I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。

$$\begin{aligned}(1) \quad & 25x^2 - 49y^2 \\ & = (5x - 7y)(5x + 7y)\end{aligned}$$

$$\begin{aligned}(2) \quad & 25x^2 - 50x + 21 \\ & = (5x - 7)(5x - 3)\end{aligned}$$

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

$$\begin{aligned}(4) \quad & 36x^2 - y^2 \\ & = (6x - y)(6x + y)\end{aligned}$$

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

$$\begin{aligned}(6) \quad & 5x^2 - 21x - 20 \\ & = (x - 5)(5x + 4)\end{aligned}$$

$$\begin{aligned}(7) \quad & 8x^2 + 14x - 49 \\ & = (2x + 7)(4x - 7)\end{aligned}$$

$$\begin{aligned}(8) \quad & 24x^2 - 26x - 63 \\ & = (4x - 9)(6x + 7)\end{aligned}$$

$$\begin{aligned}(9) \quad & 24x^2 - 22xy + 3y^2 \\ & = (4x - 3y)(6x - y)\end{aligned}$$

$$\begin{aligned}(10) \quad & 6x^2 + 17xy + 7y^2 \\ & = (2x + y)(3x + 7y)\end{aligned}$$

$$\begin{aligned}(11) \quad & 4x^2 - 31x + 42 \\ & = (x - 6)(4x - 7)\end{aligned}$$

$$\begin{aligned}(12) \quad & 12x^2 + 43x + 35 \\ & = (3x + 7)(4x + 5)\end{aligned}$$

$$\begin{aligned}(13) \quad & 10x^2 - 29x - 72 \\ & = (2x - 9)(5x + 8)\end{aligned}$$

$$\begin{aligned}(14) \quad & 5x^2 + 31x - 72 \\ & = (x + 8)(5x - 9)\end{aligned}$$

$$\begin{aligned}(15) \quad & 25x^2 + 50x + 9 \\ & = (5x + 1)(5x + 9)\end{aligned}$$

$$\begin{aligned}(16) \quad & 8x^2 + 30x + 25 \\ & = (2x + 5)(4x + 5)\end{aligned}$$

$$\begin{aligned}(17) \quad & 20x^2 - 19x - 28 \\ & = (4x - 7)(5x + 4)\end{aligned}$$

$$\begin{aligned}(18) \quad & 6x^2 - 13x + 7 \\ & = (x - 1)(6x - 7)\end{aligned}$$

$$\begin{aligned}(19) \quad & 3x^2 - 19xy + 28y^2 \\ & = (x - 4y)(3x - 7y)\end{aligned}$$

$$\begin{aligned}(20) \quad & 4x^2 - 37x + 63 \\ & = (x - 7)(4x - 9)\end{aligned}$$