

因数分解 基本（20問） 版Jの答え

※ 答えは、展開して元の式に戻るかで自分で確かめられます。

$$\begin{aligned}(1) \quad & x^2 - 5x - 14 \\ & = (x - 7)(x + 2)\end{aligned}$$

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

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

$$\begin{aligned}(4) \quad & x^2 + 14x + 48 \\ & = (x + 6)(x + 8)\end{aligned}$$

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

$$\begin{aligned}(6) \quad & x^2 - 64 \\ & = (x - 8)(x + 8)\end{aligned}$$

$$\begin{aligned}(7) \quad & x^2 - 7x - 8 \\ & = (x - 8)(x + 1)\end{aligned}$$

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

$$\begin{aligned}(9) \quad & x^2 - 10x + 9 \\ & = (x - 9)(x - 1)\end{aligned}$$

$$\begin{aligned}(10) \quad & x^2 + 14x + 49 \\ & = (x + 7)^2\end{aligned}$$

$$\begin{aligned}(11) \quad & x^2 + 18x + 81 \\ & = (x + 9)^2\end{aligned}$$

$$\begin{aligned}(12) \quad & 16x^2 - 49 \\ & = (4x - 7)(4x + 7)\end{aligned}$$

$$\begin{aligned}(13) \quad & 16x^2 - 1 \\ & = (4x - 1)(4x + 1)\end{aligned}$$

$$\begin{aligned}(14) \quad & x^2 - 6x - 7 \\ & = (x - 7)(x + 1)\end{aligned}$$

$$\begin{aligned}(15) \quad & x^2 + 16x + 64 \\ & = (x + 8)^2\end{aligned}$$

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

$$\begin{aligned}(17) \quad & 4x^2 - 49 \\ & = (2x - 7)(2x + 7)\end{aligned}$$

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

$$\begin{aligned}(19) \quad & x^2 + 10x + 9 \\ & = (x + 1)(x + 9)\end{aligned}$$

$$\begin{aligned}(20) \quad & 6x^2 + 6x \\ & = 6x(x + 1)\end{aligned}$$