

因数分解 基本（20問） 版B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。

$$\begin{aligned}(1) \quad & x^2 + 11x + 30 \\ & = (x + 5)(x + 6)\end{aligned}$$

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

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

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

$$\begin{aligned}(5) \quad & x^2 - 14x + 45 \\ & = (x - 9)(x - 5)\end{aligned}$$

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

$$\begin{aligned}(7) \quad & x^2 + 4x - 12 \\ & = (x - 2)(x + 6)\end{aligned}$$

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

$$\begin{aligned}(9) \quad & x^2 - 10x + 25 \\ & = (x - 5)^2\end{aligned}$$

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

$$\begin{aligned}(11) \quad & x^2 - x - 20 \\ & = (x - 5)(x + 4)\end{aligned}$$

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

$$\begin{aligned}(13) \quad & x^2 - 9x + 20 \\ & = (x - 5)(x - 4)\end{aligned}$$

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

$$\begin{aligned}(15) \quad & 16x^2 - 49 \\ & = (4x - 7)(4x + 7)\end{aligned}$$

$$\begin{aligned}(16) \quad & 9x^2 - 25 \\ & = (3x - 5)(3x + 5)\end{aligned}$$

$$\begin{aligned}(17) \quad & x^2 + 2x - 15 \\ & = (x - 3)(x + 5)\end{aligned}$$

$$\begin{aligned}(18) \quad & x^2 + 14x + 49 \\ & = (x + 7)^2\end{aligned}$$

$$\begin{aligned}(19) \quad & 6x^2 + 48x \\ & = 6x(x + 8)\end{aligned}$$

$$\begin{aligned}(20) \quad & x^2 + 8x + 12 \\ & = (x + 2)(x + 6)\end{aligned}$$