

因数分解 基本（20問） 版G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。

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

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

$$\begin{aligned}(3) \quad 5x^2 + 40x \\ = 5x(x + 8)\end{aligned}$$

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

$$\begin{aligned}(5) \quad x^2 - 8x + 7 \\ = (x - 7)(x - 1)\end{aligned}$$

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

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

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

$$\begin{aligned}(9) \quad x^2 - 49 \\ = (x - 7)(x + 7)\end{aligned}$$

$$\begin{aligned}(10) \quad x^2 - x - 12 \\ = (x - 4)(x + 3)\end{aligned}$$

$$\begin{aligned}(11) \quad x^2 - 15x + 54 \\ = (x - 9)(x - 6)\end{aligned}$$

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

$$\begin{aligned}(13) \quad x^2 - 2x - 63 \\ = (x - 9)(x + 7)\end{aligned}$$

$$\begin{aligned}(14) \quad 9x^2 - 25 \\ = (3x - 5)(3x + 5)\end{aligned}$$

$$\begin{aligned}(15) \quad x^2 - 13x + 40 \\ = (x - 8)(x - 5)\end{aligned}$$

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

$$\begin{aligned}(17) \quad 6x^2 + 48x \\ = 6x(x + 8)\end{aligned}$$

$$\begin{aligned}(18) \quad x^2 + 5x - 6 \\ = (x - 1)(x + 6)\end{aligned}$$

$$\begin{aligned}(19) \quad 3x^2 - 15x \\ = 3x(x - 5)\end{aligned}$$

$$\begin{aligned}(20) \quad x^2 - 12x + 32 \\ = (x - 8)(x - 4)\end{aligned}$$