

平方完成 基本（20問） 版Jの答え

※ x の係数の半分の2乗して引いたかを見てください。

$$\begin{aligned}(1) \quad & x^2 + 4x - 3 \\ & = (x + 2)^2 - 7\end{aligned}$$

$$\begin{aligned}(2) \quad & x^2 + 10x + 33 \\ & = (x + 5)^2 + 8\end{aligned}$$

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

$$\begin{aligned}(4) \quad & x^2 + 10x + 23 \\ & = (x + 5)^2 - 2\end{aligned}$$

$$\begin{aligned}(5) \quad & x^2 + 2x - 13 \\ & = (x + 1)^2 - 14\end{aligned}$$

$$\begin{aligned}(6) \quad & x^2 + 10x + 25 \\ & = (x + 5)^2\end{aligned}$$

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

$$\begin{aligned}(8) \quad & x^2 - 2x + 11 \\ & = (x - 1)^2 + 10\end{aligned}$$

$$\begin{aligned}(9) \quad & x^2 - 12x + 47 \\ & = (x - 6)^2 + 11\end{aligned}$$

$$\begin{aligned}(10) \quad & x^2 - 6x + 15 \\ & = (x - 3)^2 + 6\end{aligned}$$

$$\begin{aligned}(11) \quad & x^2 + 6x - 1 \\ & = (x + 3)^2 - 10\end{aligned}$$

$$\begin{aligned}(12) \quad & x^2 + 8x + 17 \\ & = (x + 4)^2 + 1\end{aligned}$$

$$\begin{aligned}(13) \quad & x^2 + 12x + 40 \\ & = (x + 6)^2 + 4\end{aligned}$$

$$\begin{aligned}(14) \quad & x^2 - 8x + 7 \\ & = (x - 4)^2 - 9\end{aligned}$$

$$\begin{aligned}(15) \quad & x^2 - 6x + 14 \\ & = (x - 3)^2 + 5\end{aligned}$$

$$\begin{aligned}(16) \quad & x^2 - 6x + 19 \\ & = (x - 3)^2 + 10\end{aligned}$$

$$\begin{aligned}(17) \quad & x^2 - 14x + 54 \\ & = (x - 7)^2 + 5\end{aligned}$$

$$\begin{aligned}(18) \quad & x^2 + 12x + 35 \\ & = (x + 6)^2 - 1\end{aligned}$$

$$\begin{aligned}(19) \quad & x^2 + 12x + 28 \\ & = (x + 6)^2 - 8\end{aligned}$$

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