

平方完成 基本（20問） 版C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。

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

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

$$\begin{aligned}(3) \quad & x^2 - 14x + 43 \\ & = (x - 7)^2 - 6\end{aligned}$$

$$\begin{aligned}(4) \quad & x^2 - 10x + 14 \\ & = (x - 5)^2 - 11\end{aligned}$$

$$\begin{aligned}(5) \quad & x^2 - 6x + 21 \\ & = (x - 3)^2 + 12\end{aligned}$$

$$\begin{aligned}(6) \quad & x^2 + 6x + 16 \\ & = (x + 3)^2 + 7\end{aligned}$$

$$\begin{aligned}(7) \quad & x^2 + 2x + 11 \\ & = (x + 1)^2 + 10\end{aligned}$$

$$\begin{aligned}(8) \quad & x^2 + 8x + 5 \\ & = (x + 4)^2 - 11\end{aligned}$$

$$\begin{aligned}(9) \quad & x^2 - 12x + 38 \\ & = (x - 6)^2 + 2\end{aligned}$$

$$\begin{aligned}(10) \quad & x^2 - 6x + 5 \\ & = (x - 3)^2 - 4\end{aligned}$$

$$\begin{aligned}(11) \quad & x^2 - 2x - 4 \\ & = (x - 1)^2 - 5\end{aligned}$$

$$\begin{aligned}(12) \quad & x^2 + 6x + 14 \\ & = (x + 3)^2 + 5\end{aligned}$$

$$\begin{aligned}(13) \quad & x^2 + 12x + 50 \\ & = (x + 6)^2 + 14\end{aligned}$$

$$\begin{aligned}(14) \quad & x^2 - 12x + 33 \\ & = (x - 6)^2 - 3\end{aligned}$$

$$\begin{aligned}(15) \quad & x^2 - 6x + 24 \\ & = (x - 3)^2 + 15\end{aligned}$$

$$\begin{aligned}(16) \quad & x^2 - 6x + 10 \\ & = (x - 3)^2 + 1\end{aligned}$$

$$\begin{aligned}(17) \quad & x^2 - 4x + 14 \\ & = (x - 2)^2 + 10\end{aligned}$$

$$\begin{aligned}(18) \quad & x^2 + 2x - 8 \\ & = (x + 1)^2 - 9\end{aligned}$$

$$\begin{aligned}(19) \quad & x^2 + 8x + 16 \\ & = (x + 4)^2\end{aligned}$$

$$\begin{aligned}(20) \quad & x^2 - 14x + 44 \\ & = (x - 7)^2 - 5\end{aligned}$$