

式の展開 基本（20問） 版Hの答え

※ 間違えた問題は、どの乗法公式を使ったかを横に書いてから直してください。

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

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

$$\begin{aligned}(3) \quad & (x - 9)(x + 8) \\ & = x^2 - x - 72\end{aligned}$$

$$\begin{aligned}(4) \quad & (x - 1)(x + 9) \\ & = x^2 + 8x - 9\end{aligned}$$

$$\begin{aligned}(5) \quad & (x + 2)(x + 9) \\ & = x^2 + 11x + 18\end{aligned}$$

$$\begin{aligned}(6) \quad & (x - 6)^2 \\ & = x^2 - 12x + 36\end{aligned}$$

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

$$\begin{aligned}(8) \quad & 3x(x - 3) \\ & = 3x^2 - 9x\end{aligned}$$

$$\begin{aligned}(9) \quad & (x + 8)(x - 7) \\ & = x^2 + x - 56\end{aligned}$$

$$\begin{aligned}(10) \quad & (x + 9)(x + 5) \\ & = x^2 + 14x + 45\end{aligned}$$

$$\begin{aligned}(11) \quad & (x - 5)^2 \\ & = x^2 - 10x + 25\end{aligned}$$

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

$$\begin{aligned}(13) \quad & -4x(x + 2) \\ & = -4x^2 - 8x\end{aligned}$$

$$\begin{aligned}(14) \quad & (x + 6)(x - 6) \\ & = x^2 - 36\end{aligned}$$

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

$$\begin{aligned}(16) \quad & (x - 1)(x + 6) \\ & = x^2 + 5x - 6\end{aligned}$$

$$\begin{aligned}(17) \quad & 4x(x - 7) \\ & = 4x^2 - 28x\end{aligned}$$

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

$$\begin{aligned}(19) \quad & (x - 9)^2 \\ & = x^2 - 18x + 81\end{aligned}$$

$$\begin{aligned}(20) \quad & (x + 7)(x + 6) \\ & = x^2 + 13x + 42\end{aligned}$$