

式の展開 基本（20問） 版E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。

$$\begin{aligned}(1) (x + 7)(x + 9) \\ = x^2 + 16x + 63\end{aligned}$$

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

$$\begin{aligned}(3) (x - 4)(x - 5) \\ = x^2 - 9x + 20\end{aligned}$$

$$\begin{aligned}(4) -5x(x - 6) \\ = -5x^2 + 30x\end{aligned}$$

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

$$\begin{aligned}(6) (x - 7)(x - 3) \\ = x^2 - 10x + 21\end{aligned}$$

$$\begin{aligned}(7) (x - 3)(x + 5) \\ = x^2 + 2x - 15\end{aligned}$$

$$\begin{aligned}(8) (x + 1)(x - 6) \\ = x^2 - 5x - 6\end{aligned}$$

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

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

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

$$\begin{aligned}(12) (x - 2)(x - 8) \\ = x^2 - 10x + 16\end{aligned}$$

$$\begin{aligned}(13) (x - 3)^2 \\ = x^2 - 6x + 9\end{aligned}$$

$$\begin{aligned}(14) (x - 6)(x + 4) \\ = x^2 - 2x - 24\end{aligned}$$

$$\begin{aligned}(15) (x - 6)^2 \\ = x^2 - 12x + 36\end{aligned}$$

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

$$\begin{aligned}(17) (x + 9)(x + 1) \\ = x^2 + 10x + 9\end{aligned}$$

$$\begin{aligned}(18) (x + 4)(x - 4) \\ = x^2 - 16\end{aligned}$$

$$\begin{aligned}(19) (x - 8)^2 \\ = x^2 - 16x + 64\end{aligned}$$

$$\begin{aligned}(20) -4x(x - 4) \\ = -4x^2 + 16x\end{aligned}$$