

式の展開 係数・2文字（20問） 版Eの答え

※ 間違いが多いのは、真ん中の項（ x の項・ xy の項）の符号です。

$$\begin{aligned}(1) \quad & (5x - 1)(5x - 3) \\ & = 25x^2 - 20x + 3\end{aligned}$$

$$\begin{aligned}(2) \quad & (3x + 8)(5x + 9) \\ & = 15x^2 + 67x + 72\end{aligned}$$

$$\begin{aligned}(3) \quad & (x + 9)(2x - 7) \\ & = 2x^2 + 11x - 63\end{aligned}$$

$$\begin{aligned}(4) \quad & (4x + 3y)(3x + y) \\ & = 12x^2 + 13xy + 3y^2\end{aligned}$$

$$\begin{aligned}(5) \quad & (x - 6y)^2 \\ & = x^2 - 12xy + 36y^2\end{aligned}$$

$$\begin{aligned}(6) \quad & (3x + 4y)^2 \\ & = 9x^2 + 24xy + 16y^2\end{aligned}$$

$$\begin{aligned}(7) \quad & (5x + 1)(4x - 1) \\ & = 20x^2 - x - 1\end{aligned}$$

$$\begin{aligned}(8) \quad & (2x + 3y)(2x - 3y) \\ & = 4x^2 - 9y^2\end{aligned}$$

$$\begin{aligned}(9) \quad & (4x - y)(4x + y) \\ & = 16x^2 - y^2\end{aligned}$$

$$\begin{aligned}(10) \quad & (5x + 7)(x + 8) \\ & = 5x^2 + 47x + 56\end{aligned}$$

$$\begin{aligned}(11) \quad & (4x - y)^2 \\ & = 16x^2 - 8xy + y^2\end{aligned}$$

$$\begin{aligned}(12) \quad & (x + 2y)(4x + 5y) \\ & = 4x^2 + 13xy + 10y^2\end{aligned}$$

$$\begin{aligned}(13) \quad & (3x + 8)(2x - 7) \\ & = 6x^2 - 5x - 56\end{aligned}$$

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

$$\begin{aligned}(15) \quad & (5x + 1)(x + 1) \\ & = 5x^2 + 6x + 1\end{aligned}$$

$$\begin{aligned}(16) \quad & (3x + y)(4x + 5y) \\ & = 12x^2 + 19xy + 5y^2\end{aligned}$$

$$\begin{aligned}(17) \quad & (x - 6y)(4x - y) \\ & = 4x^2 - 25xy + 6y^2\end{aligned}$$

$$\begin{aligned}(18) \quad & (x + 6y)(x - 6y) \\ & = x^2 - 36y^2\end{aligned}$$

$$\begin{aligned}(19) \quad & (2x + 5y)(2x - 5y) \\ & = 4x^2 - 25y^2\end{aligned}$$

$$\begin{aligned}(20) \quad & (5x + 1)(2x + 9) \\ & = 10x^2 + 47x + 9\end{aligned}$$