

式の展開 係数・2文字（20問） 版F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。

$$\begin{aligned}(1) \quad & (x - 7)(3x + 7) \\ & = 3x^2 - 14x - 49\end{aligned}$$

$$\begin{aligned}(2) \quad & (2x + 5)(2x - 7) \\ & = 4x^2 - 4x - 35\end{aligned}$$

$$\begin{aligned}(3) \quad & (6x + y)(6x - y) \\ & = 36x^2 - y^2\end{aligned}$$

$$\begin{aligned}(4) \quad & (3x + 5y)(2x + 3y) \\ & = 6x^2 + 19xy + 15y^2\end{aligned}$$

$$\begin{aligned}(5) \quad & (4x + y)(2x + y) \\ & = 8x^2 + 6xy + y^2\end{aligned}$$

$$\begin{aligned}(6) \quad & (4x - 7)(x + 8) \\ & = 4x^2 + 25x - 56\end{aligned}$$

$$\begin{aligned}(7) \quad & (5x + 2)(4x + 7) \\ & = 20x^2 + 43x + 14\end{aligned}$$

$$\begin{aligned}(8) \quad & (4x - 5y)(3x + y) \\ & = 12x^2 - 11xy - 5y^2\end{aligned}$$

$$\begin{aligned}(9) \quad & (5x + 4y)^2 \\ & = 25x^2 + 40xy + 16y^2\end{aligned}$$

$$\begin{aligned}(10) \quad & (3x + 2y)^2 \\ & = 9x^2 + 12xy + 4y^2\end{aligned}$$

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

$$\begin{aligned}(12) \quad & (5x + 8)(5x - 9) \\ & = 25x^2 - 5x - 72\end{aligned}$$

$$\begin{aligned}(13) \quad & (5x + 6y)^2 \\ & = 25x^2 + 60xy + 36y^2\end{aligned}$$

$$\begin{aligned}(14) \quad & (3x + 8)(2x + 5) \\ & = 6x^2 + 31x + 40\end{aligned}$$

$$\begin{aligned}(15) \quad & (5x + 6y)(5x - 6y) \\ & = 25x^2 - 36y^2\end{aligned}$$

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

$$\begin{aligned}(17) \quad & (5x - 2)(x + 8) \\ & = 5x^2 + 38x - 16\end{aligned}$$

$$\begin{aligned}(18) \quad & (4x + y)(3x + 5y) \\ & = 12x^2 + 23xy + 5y^2\end{aligned}$$

$$\begin{aligned}(19) \quad & (x + 4y)(x + 3y) \\ & = x^2 + 7xy + 12y^2\end{aligned}$$

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