

式の展開 係数・2文字（20問） 版G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。

$$\begin{aligned}(1) \quad & (2x - 5)(x - 4) \\ & = 2x^2 - 13x + 20\end{aligned}$$

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

$$\begin{aligned}(3) \quad & (2x - 1)(x - 6) \\ & = 2x^2 - 13x + 6\end{aligned}$$

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

$$\begin{aligned}(5) \quad & (2x + 9)(2x + 7) \\ & = 4x^2 + 32x + 63\end{aligned}$$

$$\begin{aligned}(6) \quad & (3x + 5y)(3x - 5y) \\ & = 9x^2 - 25y^2\end{aligned}$$

$$\begin{aligned}(7) \quad & (5x - 1)(5x - 1) \\ & = 25x^2 - 10x + 1\end{aligned}$$

$$\begin{aligned}(8) \quad & (6x + y)(6x - y) \\ & = 36x^2 - y^2\end{aligned}$$

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

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

$$\begin{aligned}(11) \quad & (5x - 1)(5x - 6) \\ & = 25x^2 - 35x + 6\end{aligned}$$

$$\begin{aligned}(12) \quad & (5x + 6y)(5x - 6y) \\ & = 25x^2 - 36y^2\end{aligned}$$

$$\begin{aligned}(13) \quad & (2x + 1)(x + 4) \\ & = 2x^2 + 9x + 4\end{aligned}$$

$$\begin{aligned}(14) \quad & (5x + 3y)^2 \\ & = 25x^2 + 30xy + 9y^2\end{aligned}$$

$$\begin{aligned}(15) \quad & (3x - 8)(4x + 3) \\ & = 12x^2 - 23x - 24\end{aligned}$$

$$\begin{aligned}(16) \quad & (3x - 2)(x - 1) \\ & = 3x^2 - 5x + 2\end{aligned}$$

$$\begin{aligned}(17) \quad & (2x - 3y)(2x + 3y) \\ & = 4x^2 - 9y^2\end{aligned}$$

$$\begin{aligned}(18) \quad & (x + 5y)(x + y) \\ & = x^2 + 6xy + 5y^2\end{aligned}$$

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

$$\begin{aligned}(20) \quad & (2x + 5y)^2 \\ & = 4x^2 + 20xy + 25y^2\end{aligned}$$