

多項式の加法

次の計算をしましょう。

$$\textcircled{1} \quad (4 x - 4 y - 4) + (6 x + 2 y + 2)$$

$$\textcircled{2} \quad (7 x + 6 y - 7) + (7 x + 3 y + 8)$$

$$\textcircled{3} \quad (5 x + 3 y + 3) + (9 x - 8 y + 5)$$

$$\textcircled{4} \quad (6 x - 2 y - 9) + (7 x + 5 y - 6)$$

$$\textcircled{5} \quad (2 x - 2 y - 7) + (9 x + 5 y + 4)$$

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$$\begin{aligned}\textcircled{1} \quad & (4x - 4y - 4) + (6x + 2y + 2) \\ & = 4x + 6x - 4y + 2y - 4 + 2 \\ & = 10x - 2y - 2\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & (7x + 6y - 7) + (7x + 3y + 8) \\ & = 7x + 7x + 6y + 3y - 7 + 8 \\ & = 14x + 9y + 1\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (5x + 3y + 3) + (9x - 8y + 5) \\ & = 5x + 9x + 3y - 8y + 3 + 5 \\ & = 14x - 5y + 8\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & (6x - 2y - 9) + (7x + 5y - 6) \\ & = 6x + 7x - 2y + 5y - 9 - 6 \\ & = 13x + 3y - 15\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & (2x - 2y - 7) + (9x + 5y + 4) \\ & = 2x + 9x - 2y + 5y - 7 + 4 \\ & = 11x + 3y - 3\end{aligned}$$