

多項式の加法

次の計算をしましょう。

$$\textcircled{1} \quad (4 x + 5 y - 4) + (4 x - 2 y + 7)$$

$$\textcircled{2} \quad (6 x - 6 y - 3) + (5 x - 4 y - 8)$$

$$\textcircled{3} \quad (3 x - 8 y + 9) + (2 x - 6 y + 4)$$

$$\textcircled{4} \quad (2 x - 7 y - 5) + (7 x - 6 y - 3)$$

$$\textcircled{5} \quad (4 x + 2 y - 2) + (3 x - 9 y - 9)$$

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$$\begin{aligned}\textcircled{1} \quad & (4x + 5y - 4) + (4x - 2y + 7) \\ &= 4x + 4x + 5y - 2y - 4 + 7 \\ &= 8x + 3y + 3\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & (6x - 6y - 3) + (5x - 4y - 8) \\ &= 6x + 5x - 6y - 4y - 3 - 8 \\ &= 11x - 10y - 11\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & (3x - 8y + 9) + (2x - 6y + 4) \\ &= 3x + 2x - 8y - 6y + 9 + 4 \\ &= 5x - 14y + 13\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & (2x - 7y - 5) + (7x - 6y - 3) \\ &= 2x + 7x - 7y - 6y - 5 - 3 \\ &= 9x - 13y - 8\end{aligned}$$

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