

多項式の減法

次の計算をしましょう。

$$\textcircled{1} \quad (4 x + 4 y - 3) - (6 x + 8 y - 2)$$

$$\textcircled{2} \quad (8 x - 2 y + 9) - (5 x - 7 y + 3)$$

$$\textcircled{3} \quad (6 x - 5 y + 8) - (2 x - 7 y + 4)$$

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

$$\textcircled{5} \quad (7 x + 8 y + 8) - (10 x + 5 y - 8)$$

多項式の減法

次の計算をしましょう。

$$\begin{aligned}\textcircled{1} \quad & (4x + 4y - 3) - (6x + 8y - 2) \\ &= 4x - 6x + 4y - 8y - 3 + 2 \\ &= -2x - 4y - 1\end{aligned}$$

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

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

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

$$\begin{aligned}\textcircled{5} \quad & (7x + 8y + 8) - (10x + 5y - 8) \\ &= 7x - 10x + 8y - 5y + 8 + 8 \\ &= -3x + 3y + 16\end{aligned}$$